



MVPS DR. VASANTRAO PAWAR MEDICAL COLLEGE, HOSPITAL  
AND RESEARCH CENTER VASANTDADA NAGAR, ADGAON,  
NASHIK, 422003

**DEPARTMENT OF MICROBIOLOGY**

**NAAC – CRITERIA II**

Criterion – II – Teaching – Learning and Evaluation (280) - SECTION - II

**Key Indicator - 2.5 Evaluation Process and Reforms (45)**

		2.5.4 (QnM) Opportunities provided to students for mid-course improvement of academic performance (10)			
		Timely administration of CIE	On time assessment and feedback	Makeup assignments/tests	Remedial teaching/support
20	Year	Yes	Yes	Yes	Yes
	2015-16	√	√	4	4
	2016-17	√	√	4	4
	2017-18	√	√	5	5
	2018-19	√	√	6	6
	2019-20	√	√	9	9

**Supportive documents- Attendance of remedial teaching and practice tests,  
Answer sheets of practice tests**

*M. Patil*

Prof & Head  
Dept. of Microbiology

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Dr. Vasant Rao Pawar Medical  
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**NDMVPS Dr. VPMCH & RC, NASHIK**  
**DEPARTMENT OF MICROBIOLOGY**  
**MID COURSE EXAM**

Date: 8 MARCH, 2015

Instructions: - 1. All questions are compulsory.

Mark – 20

1. Cultivation of viruses was developed by:

- |             |                |
|-------------|----------------|
| a. Ellerman | b. Goodpasture |
| c. Yersin   | d. Robert Koch |

2. Which of the following organism is cell wall deficient:

- |                  |                  |
|------------------|------------------|
| a. Mycoplasma    | b. Mycobacteria  |
| c. Both of those | d. None of these |

3. Endotoxic activity in Gram-negative bacteria is due to:

- |            |                   |
|------------|-------------------|
| a. Lipid A | b. Polysaccharide |
| c. Protein | d. None of these  |

4. Psychrophilic bacteria grow at

- |                             |  |
|-----------------------------|--|
| a. $< 20^{\circ} \text{C}$  | b. $25-40^{\circ} \text{C}$            |
| c. $55-80^{\circ} \text{C}$ | d. grow in presence of organic matter. |

5. Gaseous sterilization is achieved by the following agents *except*:

- |                   |                       |
|-------------------|-----------------------|
| a. Ethylene oxide | b. Beta-propiolactone |
| c. Glutaraldehyde | d. Formaldehyde       |

6. A 45 years old diabetic man has an ulcer on foot. Culture of the ulcer exhibits Gram negative bacilli with swarming on blood agar. The possible organism –


- |                      |                        |
|----------------------|------------------------|
| a. E.coli            | b. Serratia marcescens |
| c. Proteus mirabilis | d. Salmonella typhi    |

7. Following are the methods of transmission of genetic material in bacteria *except*:

- |                         |                  |
|-------------------------|------------------|
| a. Transformation       | b. Transcription |
| c. Lysogenic conversion | d. Conjugation   |

8. Nagler reaction is based on principle of

- |   |                           |
|---|---------------------------|
| a. Neutralisation of antigen & antibody | b. Precipitation reaction |
| c. Complement fixation                  | d. None of the above      |

  
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9. A 65 years old man develops an abscess on back of neck. Culture yields *Staphylococcus aureus*. The isolate is tested and found to be positive for *mec A* gene, which means that
- The isolate is resistant to oxacillin/methicillin
  - The isolate is sensitive to oxacillin/methicillin
  - The isolate is resistant to vancomycin
  - The isolate is sensitive to vancomycin
10. HACEK group of bacteria is associated with
- Veneral disease
  - Pneumonitis
  - Gastroenteritis
  - Endocarditis
11. Cough plate method is useful for culture of
- Streptococcus pneumoniae*
  - Haemophilus influenzae*
  - Streptococcus pneumoniae*
  - Bordetella pertussis*
12. For diagnosis of congenital syphilis, the most useful test is
- TPI
  - TPHA
  - VDRL
  - IgM-FTA-ABS
13. *Chlamydia trachomatis* can cause all of the following EXCEPT
- Lymphogranuloma venereum
  - Non-gonococcal urethritis
  - Trachoma
  - Psittacosis
14. 'Clue cells' are a feature of infection by
- Neisseria gonorrhoeae*.
  - Chlamydia trachomatis*.
  - Gardnerella vaginalis*.
  - Mycoplasma hominis*.
15. All of the following *Shigella* species ferment Mannitol EXCEPT
- Shigella flexneri*
  - Shigella boydii*
  - Shigella dysenteriae*
  - Shigella sonnei*

16. Which of the following statement is true for *Corynebacterium diphtheriae*?

- a. It does not remain fully virulent in blankets & floor dust
- b. It produces a potent lipopolysaccharide toxin
- c. Specific treatment should be instituted immediately on suspicion of diphtheria without waiting for laboratory tests
- d. Diphtheria bacilli are always demonstrable in smear from the lesion

17. Example of complement fixation test is

- a) Coomb's test
  - b) Rose – Waler test
  - c) Coagulation test
  - d) Wassermann test
18. Blastomycosis is usually a chronic infection caused by
- a) Lungs
  - b) Heart
  - c) Intestine
  - d) All of the above

19. Which of the following is a late lactose fermenter

- a) *E. coli*
  - b) *Shigella dysenteriae*
  - c) *Klebsiella*
  - d) *Shigella sonnei*
20. Major Histocompatibility Complex in man is known as

- a) H-2 Complex
  - b) HLA Complex
  - c) Both a) & c)
  - d) None of the above
- 

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**DEPARTMENT OF MICROBIOLOGY**  
**MID COURSE PAPER**

Date: 14<sup>th</sup> March 2015

Instructions: - **All questions are compulsory.**

Marks 20

1. Which of the following media is most suitable for antibiotic sensitivity testing
  - a) Muller Hinton medium
  - b) Nutrient agar
  - c) Blood agar
  - d) MacConkey agar
2. Scalded skin syndrome is due to which toxin of staphylococcus aureus
  - a) Epidermolytic toxin
  - b) Enterotoxin
  - c) Leucocidin
  - d) Haemolysin
3. Pneumococcal capsule can be demonstrated by
  - a) Quellung reaction
  - b) Negative staining
  - c) Both of the above
  - d) None of the above
4. Cell wall protein of Streptococcus pyogenes cross reacts with human
  - a) Synovial fluid
  - b) Myocardium
  - c) Cardiac valves
  - d) Vascular intima
5. CAMP test is useful for identification of
  - a) Group A streptococci
  - b) Group B streptococci
  - c) Group C streptococci
  - d) Group D streptococci
6. Which of the following bacteria are novobiocin resistant
  - a) Staphylococcus aureus
  - b) Staphylococcus epidermidis
  - c) Staphylococcus saprophyticus
  - d) None of the above
7. In holder method of pasteurization, milk and butter are kept at
  - a) 63°C for 30 minutes
  - b) 72°C for 20 seconds
  - c) 63°C for 60 minutes
  - d) 72°C for 30 seconds
8. Exposure of material to steam at 100°C for 20 minutes on three consecutive days is known as
  - a) Tyndallization
  - b) Autoclaving
  - c) Inspissation
  - d) None of the above

  
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9. Which of the following test detects the production of acetoin
- Methyl red test
  - Voges proskauer test
  - Indole test
  - Citrate test
10. Silver impregnation method is used for demonstration of
- Spirochetes
  - Vibrio
  - Shigella
  - Salmonella
11. The period between inoculation of bacteria in a culture medium and beginning of multiplication is known as
- Lag phase
  - Log phase
  - Stationary phase
  - Decline phase
12. Which of the following bacteria is cell wall deficient
- Mycoplasma
  - Treponema
  - Staphylococcus
  - Klebsiella
13. Father of antiseptic surgery is
- Paul Ehrlich
  - Joseph Lister.
  - Robert Koch
  - Louis Pasteur
14. Culture media used for anaerobic culture
- Peptone water
  - MacConkey agar
  - Robertson's cooked meat medium
  - Nutrient agar
15. The following are the functions of fimbriae **EXCEPT**
- Adhesiveness
  - Antigenic
  - Locomotion
  - Transfer of genetic material
16. Which of the following is ideal for sterilization of endoscopes
- Gluteraldehyde
  - Phenol
  - Hypochlorite
  - Formaldehyde

17. Immunoglobulins are synthesized by

- a) T Cells
- c) NK Cells

- b) Plasma cells
- d) Epithelial cells

18. Which of the following organism is least likely to be present as 'colonizer'

- a) Sporothrix
- c) Candida

- b) Aspergillus
- d) Mucor

19. Important cause of dental caries is


- a) Streptococcus mitis
- c) Streptococcus mutans

- b) Streptococcus sanguis
- d) Streptococcus MG

20. Colonies with fried egg appearance are seen in

- a) Mycoplasma
- c) Bordetella

- b) Pseudomonas
- d) Haemophilus

  
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**MID COURSE PAPER**


**Date: 21<sup>st</sup> March 2015**

Instructions: - 1. All questions are compulsory.

**SECTION -A (Multiple Choice Questions)**

**Mark - 20**

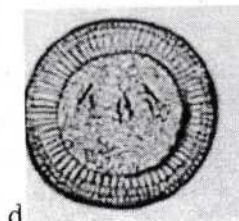
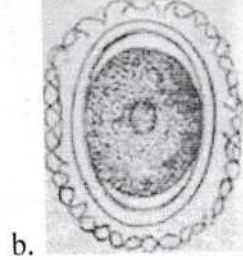
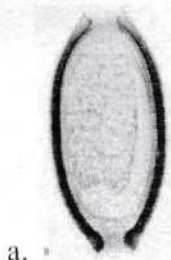
1. CMI can be detected by following methods EXCEPT  
a) Lymphocyte transformation test    b) Migration inhibition factor test  
c) Prausnitz-Kustner (PK) reaction    d) Rosette formation
2. Chicken pox is a common disease of childhood. It is caused by which of the following viruses?  
a) Cytomegalovirus    b) Rotavirus  
c) Varicella-zoster virus    d) Orthopoxvirus
3. Following is the example of Type I hypersensitivity reaction-  
a) Lepromin test    b) Tuberculin test  
c) Casoni's test    d) Arthus reaction
4. A febrile viral disease characterized by infection & swelling of the parotid salivary glands is caused by a large enveloped helical virus producing hemadsorption of erythrocytes to infected cells. This virus is -  
a) Cytomegalovirus.    b) Coxsackie virus.  
c) Mumps virus    d) ECHO virus.
5. Reynolds Braude phenomenon is seen in  
a) Cryptococcus neoformans    b) Histoplasma capsulatum  
c) Candida albicans    d) Aspergillus nigar
6. A company executive, who travels world wide, presents with upper abdominal mass and positive Casoni's test. The organism is-  
a) Echinococcus    b) Entamoeba histolytica  
c) Hepatitis    d) Ascariasis
7. Larva found in muscle is  
a) Trichinella spiralis    b) Ancylostoma duodenale  
c) Trichuris trichura    d) Enterobius vermicularis
8. Active Immunity is not acquired by  
a) Infection    b) Vaccination  
c) Colostrum    d) Sub-clinical infection
9. Pityriasis versicolor is caused by -  
a) E. floccosum    b) M. furfur  
c) M. canis    d) T. tansuran

  
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10. Graft versus Host reaction is caused by -  
 a) B- Lymphocyte  
 b) T- lymphocyte  
 c) Macrophages  
 d) Complement
11. Sleeping sickness is transmitted by  
 a) Tse-Tse fly  
 b) House fly  
 c) Sand fly  
 d) Simulium fly
12. The culture media for fungus is  
 a) Tellurite medium  
 b) NNN medium  
 c) Chocolate agar medium  
 d) Sabourauds medium
13. In a patient with HIV infection, during the window period-  
 a) ELISA is -ve  
 b) Western Blot is -ve  
 c) Both (A&B) are -ve  
 d) PCR is -ve
14. Type III hypersensitivity reaction is -  
 a) Antibody mediated  
 b) Immune complex mediated  
 c) Cell mediated  
 d) None of the above
15. All are prion diseases EXCEPT -  
 a) Kuru  
 b) Scrapie  
 c) Creutzfeldt Jakob disease  
 d) SSPE

16. All of the following parasitic ova are bile stained EXCEPT.



17. **Waterhouse-Fredrichsen syndrome is associated with**  
 a. N. meningitidis  
 b. N. gonorrhoeae  
 c. C. diphtheriae  
 d. E. coli
18. **Carrier who acquires organism from another carrier is called**  
 a. Contact carrier  
 b. Healthy carrier  
 c. Convalescent carrier  
 d. Paradoxical carrier
19. **The term vaccine was coined by**  
 a. Edward Jenner  
 b. Ehrlich  
 c. Kitasato  
 d. Louis Pasteur
20. **Indicator present in MacConkey's medium is**  
 a. Potassium tellurite  
 b. Sucrose  
 c. Bismuth sulphite  
 d. Neutral red

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**MCQ ANSWER SHEET**

Name of Candidate : Pratik M. Rajur  
 Name of Examination : mid course exam  
 Class : \_\_\_\_\_ Semester : \_\_\_\_\_  
 Subject : microbiology Paper : \_\_\_\_\_  
 Date : 8/03/2015 Version No. : \_\_\_\_\_

**ROLL NO.**

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QUESTION :-> 1 2 3 4 5 6 7 8 9 10

ANSWER : ↓

A

B

C

D

QUESTION :-> 11 12 13 14 15 16 17 18 19 20

ANSWER : ↓

A

B

C

D

QUESTION :-> 21 22 23 24 25 26 27 28 29 30

ANSWER : ↓

A

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C

D

TOTAL MARKS :-

13/20

**ROLL NO. (In Words)**

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QUESTION BOOKLET VERSION :


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Pratik  
CANDIDATE SIGNATURE

MPD  
INVIGILATOR'S SIGNATURE

Date 08/03/2015

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**MCQ ANSWER SHEET**

Name of Candidate : Chirag Surana  
 Name of Examination : Mid course Exami.  
 Class : \_\_\_\_\_ Semester : \_\_\_\_\_  
 Subject : Microbiology Paper : \_\_\_\_\_  
 Date : 8/03/2015 Version No. : \_\_\_\_\_

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ANSWER :↓

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ANSWER :↓

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ANSWER :↓

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**TOTAL MARKS :-**

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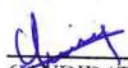

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QUESTION BOOKLET VERSION :

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Date : 08/03/2015

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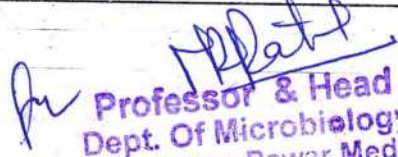
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**Adgaon, Nashik-3**

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**MCQ ANSWER SHEET**

Name of Candidate : Chirag Susana  
 Name of Examination : Mid Course Exam  
 Class : \_\_\_\_\_ Semester : \_\_\_\_\_  
 Subject : Microbiology Paper : \_\_\_\_\_  
 Date : 14/03/2015 Version No. : \_\_\_\_\_

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QUESTION :→ 1 2 3 4 5 6 7 8 9 10

ANSWER :↓

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QUESTION :→ 11 12 13 14 15 16 17 18 19 20

ANSWER :↓

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QUESTION :→ 21 22 23 24 25 26 27 28 29 30

ANSWER :↓

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TOTAL MARKS :-

20

**ROLL NO. (In Words)**


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QUESTION BOOKLET VERSION :

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Chirag CANDIDATE SIGNATURE  
MPD INVIGILATOR'S SIGNATURE  
 Date: 14/3/2015

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**INSTRUCTIONS**

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Wrong	Correct
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MPD  
**Professor & Head**  
**Dept. Of Microbiology**  
**Dr. Vasant Rao Pawar Medical**  
**College Hospital & RC**

**DR. VASANTRAO PAWAR MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, NASHIK.**  
**MCQ ANSWER SHEET**

Name of Candidate : Pratik M. Rajput  
 Name of Examination : mid course exam  
 Class : \_\_\_\_\_ Semester : \_\_\_\_\_  
 Subject : microbiology Paper : \_\_\_\_\_  
 Date : 13/03/2017 Version No. : \_\_\_\_\_

ROLL NO.					
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QUESTION :->	1	2	3	4	5	6	7	8	9	10
ANSWER :->	A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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QUESTION :->	11	12	13	14	15	16	17	18	19	20
ANSWER :->	A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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QUESTION :->	21	22	23	24	25	26	27	28	29	30
ANSWER :->	A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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TOTAL MARKS :-

14  
20


ROLL NO. (In Words)  
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 QUESTION BOOKLET VERSION :  
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 Date 14/3/2017

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- Wrong       Correct
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**Professor & Head**  
**Dept. Of Microbiology**  
**Dr. Vasant Rao Pawar Medical**  
**College Hospital & RC**  
**Adgaon, Nashik - 3**

**DR. VASANTRAO PAWAR MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, NASHIK.**  
**MCQ ANSWER SHEET**

Name of Candidate : Chirag Surana  
 Name of Examination : Mid Course Exam  
 Class : \_\_\_\_\_ Semester : \_\_\_\_\_  
 Subject : Microbiology Paper : \_\_\_\_\_  
 Date : 21/03/2015 Version No. : \_\_\_\_\_

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QUESTION :→ 1 2 3 4 5 6 7 8 9 10

ANSWER :↓

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QUESTION BOOKLET VERSION :

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QUESTION :→ 11 12 13 14 15 16 17 18 19 20

ANSWER :↓

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Chirag  
 CANDIDATE SIGNATURE


MPD  
 INVIGILATOR'S SIGNATURE

Date 21/3/2015

QUESTION :→ 21 22 23 24 25 26 27 28 29 30

ANSWER :↓

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**USE BLUE BALL POINT PEN ONLY....** 

**TOTAL MARKS :-**

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MPD

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for MPD  
**Professor & Head**  
**Dept. Of Microbiology**  
**Dr. Vasant Rao Pawar Medical**  
**College Hospital & RC**

**DR. VASANTRAO PAWAR MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, NASHIK.**

**MCQ ANSWER SHEET**

Name of Candidate : Pratik M. Ruzpat  
 Name of Examination : \_\_\_\_\_  
 Class : \_\_\_\_\_ Semester : \_\_\_\_\_  
 Subject : Microbiology Paper : \_\_\_\_\_  
 Date : 21/03/2015 Version No. : \_\_\_\_\_

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QUESTION :→ 1 2 3 4 5 6 7 8 9 10

ANSWER :↓

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TOTAL MARKS :-

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Pratik  
CANDIDATE SIGNATURE

PP  
INVIGILATOR'S SIGNATURE

Date 21/3/2015

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Pratik  
Professor & Head  
Dept. Of Microbiology  
Dr. Vasant Rao Pawar Medical  
College Hospital & RC  
Adgaon, Nashik -3

**DR VASANTRAO PAWAR MEDICAL COLLEGE, HOSPITAL & RC, NASHIK**  
**Department of Microbiology**

**MID Course Improvement Programme**

<b>Student Name</b>	<b>8/03/2015 Test - 1</b>	<b>14/03/2015 Test-2</b>	<b>21/03/2015 Test - 3</b>
Chirag Surana	P	P	P
Janveer Saloni	A	A	A
Pratik M. Rajput	A	P	P
Zala Tirthraj Bhikanbhai	A	A	A

Name & Signature of Coordinator -

*MP Patel*  
*Dr. Nita*  
*Angurval*

*for* *MP Patel*  
**Professor & Head**  
**Dept. Of Microbiology**  
**Dr. Vasant Rao Pawar Medical**  
**College Hospital & RC**  
**Adgaon, Nashik -3**



Dr. VPMCH & RC, NASHIK

DEPARTMENT OF MICROBIOLOGY  
MID COURSE EXAM

Date: 8<sup>th</sup> march 2016

All questions are compulsory.

SECTION -A (Multiple Choice Questions)

Marks - 20

1. Goodpasture introduced the technique of:

- A. Sterilization  
B. Viral cultivation in chick embryo  
C. Staining  
D. None of these

2. Which of the following bacteria form spore:

- A. C. diphtheriae  
B. Cl. perfringens  
C. N. gonorrhoeae  
D. Klebsiella

3. Biological indicator used in autoclave is:

- A. Bacillus stearothermophilus spore  
B. Clostridium tetani spore  
C. Both of those  
D. None of these

4. Vaccines of nonsporing bacteria are heat inactivated at:

- A. 80°C for 51 min  
B. 60°C for 60 min  
C. 100°C for 30 min  
D. 121°C for 15 min

5. Following bacteria are catalase as well as Oxidase positive *except*:

- A. Str. pneumoniae  
B. N. meningitidis  
C. Ps. aeruginosa  
D. V. Cholera

6. Segment of DNA having ability to move around between chromosomal and plasmid DNA molecule within cell is called as:

- A. Jumping gene  
B. Transposons  
C. Tn elements  
D. All of these

7. Primary Atypical pneumonia is caused by -

- A) Mycoplasma  
B) M. tuberculosis  
C) Pneumococcus  
D) K. Pneumoniae

8. CAMP reaction is used for the identification of

- A) Streptococcus faecalis  
B) Streptococcus agalactiae  
C) Streptococcus pyogenes  
D) Streptococcus pneumoniae

9. Microconidia are absent in-

- A) T. rubrum  
B) E. floccosum  
C) M. canis  
D) T. mentagrophytes.

  
Professor & Head  
Dept. Of Microbiology  
Dr. Vasant Rao Pawar Medical  
College Hospital & RC  
Adgaon, Nashik -3

10. Target organ for *Cryptococcus neoformans* is-
- A) Bone marrow  
B) Kidney  
C) Brain  
D) Liver.
11. Which virus is associated with congenital infection
- A) Measles virus  
B) Vaccinia virus  
C) Rubella virus  
D) influenza virus
12. The site most commonly affected in diphtheria is-
- A) Larynx  
B) Skin  
C) Fauces  
D) Vulva
13. Malignant pustule is characteristic lesion of-
- A) Anthrax  
B) Pemphigus  
C) Impetigo  
D) Scalded skin syndrome.
14. For diagnosis of congenital syphilis, the most useful test is
- A) TPI  
B) VDRL  
C) TPHA  
D) IgM-FTA-ABS
15. Neil-Mooser or tunica reaction is **NEGATIVE** with
- A) *R. prowazekii*  
B) *R. conori*  
C) *R. typhi*  
D) *R. akari*
16. Which of the following fungi **CANNOT** be cultivated
- A) *Sporotrichum*  
B) *Philophora*  
C) *Rhinosporidium*  
D) *Madurella*
17. Koplik's spots appear on buccal mucosa in
- A) Mumps  
B) Chicken pox  
C) Measles  
D) German Measles
18. Mucormycosis is caused by
- A) *Mucor*  
B) *Absidia*  
C) *Rhizopus*  
D) All of the above
19. 'Negri' inclusion bodies are seen in which of the following viral infection?
- A) Influenza  
B) Cytomegalovirus  
C) Herpes  
D) Rabies
20. Haemorrhagic fever can be caused by following virus
- A) Influenza  
B) Dengue  
C) Adeno  
D) Herpes

**Dr. VPMCH & RC, NASHIK**  
**DEPARTMENT OF MICROBIOLOGY**  
**MID COURSE EXAM**


**Date: 14 March 2016**

**Instructions: - 1. All sections are compulsory.**

**SECTION -A (Multiple Choice Questions)**

**Marks - 20**

1. Multiple drug resistant is spread by-  
a) Mutation  
b) Transduction  
c) Conjugation  
d) Transformation.
2. Lyme disease is caused by  
a) Borrelia recurrentis  
b) Borrelia burgdoferi  
c) Borrelia vincenti  
d) None of above
3. Carrier who acquires organism from another carrier is called  
a) Contact carrier  
b) Convalescent carrier  
c) Healthy carrier  
d) Paradoxical carrier
4. The commonly used disinfectant for HIV infected material is-  
a) Iodine solution  
b) Savlon  
c) Hypochlorite solution  
d) Phenol.
5. Frei's test is done to diagnose  
a) Lymphogranuloma venerium  
b) Chancroid  
c) Granuloma inguinale  
d) Primary syphilis
6. Following stain is used for staining fungi  
a) Bromothymol blue  
b) Lactophenol cotton blue  
c) Cresol purple  
d) Carbol fuchsin
7. Allantoic cavity inoculation in embryonated egg is used for the growth of  
a) Rabies virus  
b) Polio virus  
c) Influenza virus  
d) Herpes virus
8. Which of the following microscopy utilizes reflected light instead of transmitted light  
a) Dark field  
b) Fluorescent  
c) Interference  
d) Phase contrast
9. The commonest site of staphylococcal carriage in humans is  
a) Anterior nares  
b) Axilla  
c) Perineum  
d) Skin

  
**Professor & Head**  
**Dept. Of Microbiology**  
**Dr. Vasantrao Pawar Medical**  
**College Hospital & RC**  
**Adgaon, Nashik -3**

10. Period required to become tuberculin test positive after infection with *M. tuberculosis* in an individual is  
a) 48-72 hrs      b) 4-7 days      c) 4-6 weeks      d) 2-4 months
11. Spores are killed by moist heat at  
a) 105 C in minutes      c) 115 C in 10 minutes  
b) 110 C in 5 minutes      d) 121 C in 15 minutes
12. Which of the following cells are implicated in immunity against cancer?  
a) Natural killer      c) Eosinophils  
b) Neutrophils      d) Platelets
13. Dengue is transmitted by  
a) *Aedes aegypti*      c) Ixodes cookie  
b) *Culex tritaeniorhynchus*      d) *Psorophora ferox*
14. Medusa head colony is produced by  
a) *Bacillus anthrax*      c) *Staphylococcus saprophyticus*  
b) *Bacillus cereus*      d) *Clostridium tetani*
15. The commonest cause of traveller's diarrhoea is  
a) Enterotoxigenic *E. coli*      c) Enteroinvasive *E. coli*  
b) Enteropathogenic *E. coli*      d) Enterohaemorrhagic *E. coli*
16. Universal safety precautions should be followed for -  
a) Only HIV infected patients      c) Seriously infected patients  
b) HBsAg carriers only      d) All patients
17. A liquid medium which inhibits the growth of commensals and favours the growth of pathogens is known as-  
a) Transport medium      c) Enrichment medium  
b) Enriched medium      d) Selective medium
18. Capsule can be demonstrated by -  
a) Negative staining      c) Gram staining  
b) Acid fast staining      d) Fontana's staining
19. Which virus is associated with congenital infection  
a) Measles virus      c) Vaccinia virus  
b) Rubella virus      d) Influenza virus
20. Plasmids are responsible for -



- 9) All of the following clinical features are associated with Enteroviruses except :
- a) Myocarditis
  - b) Pleurodynia
  - c) Herpangina
  - d) Hemorrhagic fever
- 10) Non-itchy, depigmentation of the non-hairy skin is a special feature of
- a) Pityriasis versicolor
  - b) Dermatophytosis
  - c) Piedra
  - d) Tinea unguinum
- 11) Which of the following Arbovirus infection is not prevalent in India
- a) Japanese encephalitis
  - b) West-Nile virus infection
  - c) Yellow fever
  - d) Dengue fever
- 12) A 30 year old woman with a bad obstetric history presents with fever. The blood culture from the patient grows gram—positive small to medium coccobacilli that are pleomorphic, occurring in short chains. Direct wet mount from the culture shows tumbling motility. The most likely organism is:
- a) *Listeria monocytogenes*
  - b) *Corynebacterium* sp.
  - c) *Enterococcus* sp.
  - d) *Erysipelothrix rhusiopathiae*
- 13) Which of the following infestation leads to malabsorption?
- a) *Giardia lamblia*
  - b) *Ascaris lumbricoides*
  - c) *Necator americanus*
  - d) *Ancylostoma duodenale*
- 14) Which of the following is not a neuroparasite?
- a) *Taenia solium*
  - b) *Acanthamoeba*
  - c) *Naegleria*
  - d) *Trichinella spiralis*
- 15) All can cause pulmonary eosinophilia except-
- a) *Necator americanus*
  - b) *Ankylostoma duodenale*
  - c) *Trichinella spiralis*
  - d) *Ascaris lumbricoides*
- 16) Most common cause of Traveller's diarrhoea :
- a) Enterotoxigenic *E. coli*
  - b) Enterohemorrhagic *E. coli*
  - c) Enteropathogenic *E. coli*
  - d) Enteroinvasive *E. coli*
- 17) **Which of the following medium is used for transport of specimen**
- a. Stuart medium
  - b. LJ medium
  - c. TCBS medium
  - d. Chocolate agar
18. **Prozone phenomenon is due to**
- a. High amount of Abs
  - b. Proportionate level of both Ag ,Ab
  - c. High amount of Ags
  - d. All of above
19. **Flagella present all over the surface of bacterial cell**
- a. Lophotrichous
  - b. Amphitrichous
  - c. Peritrichous
  - d. Monotrichous
20. **Hospital infections are known as-**
- a. Atypical infections
  - b. Nosocomial infections
  - c. Secondary infections
  - d. Iatrogenic infections.

DR. VASANTRAO PAWAR MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, NASHIK.  
MCQ ANSWER SHEET

Name of Candidate : Vanshali Gaikwad  
 Name of Examination : Mid term Exam  
 Class : \_\_\_\_\_ Semester : \_\_\_\_\_  
 Subject : Microbiology Paper : \_\_\_\_\_  
 Date : 2/03/2016 Version No. : \_\_\_\_\_

ROLL NO.

	2	3			
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QUESTION :-> 1 2 3 4 5 6 7 8 9 10

ANSWER :->

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QUESTION :-> 11 12 13 14 15 16 17 18 19 20

ANSWER :->

A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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QUESTION :-> 21 22 23 24 25 26 27 28 29 30

ANSWER :->

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TOTAL MARKS :-

9/20

M. Patel  
 Professor & Head  
 Dept. Of Microbiology  
 Dr. Vasant Rao Pawar Medical  
 College Hospital & RC  
 Adgaoti, Nashik - 3

ROLL NO. (In Words)

Twenty three

QUESTION BOOKLET VERSION :

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This is to certify that the entries of Roll No., Question Booklet Version, Question Booklet Sr. No. & Subject have been verified.

Vanshali  
 CANDIDATE SIGNATURE

Patel  
 INVIGILATOR'S SIGNATURE

Date : \_\_\_\_\_

USE BLUE BALL POINT PEN ONLY... 

INSTRUCTIONS

- FILL THE BLOCKS  USING BLUE BALLPOINT PEN ONLY.
- FILL ONLY ONE BLOCK FOR EACH QUESTION AS SHOWN BELOW.

Wrong	Correct
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- FILL ONLY BLOCK PROVIDED. DO NOT MAKE ANY STRAY MARKS ON THE ANSWER SHEET.
- ROUGH WORK MUST NOT BE DONE ON THIS ANSWER SHEET.
- USE FREE SPACE IN THE QUESTION BOOKLET PROVIDED.

MCQ ANSWER SHEET

Name of Candidate : Neha Rana  
 Name of Examination : Mid term Exam  
 Class : \_\_\_\_\_ Semester : \_\_\_\_\_  
 Subject : Microbiology Paper : \_\_\_\_\_  
 Date : 2/03/2016 Version No. : \_\_\_\_\_

ROLL NO.  

	1	1	3		

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QUESTION :-> 1 2 3 4 5 6 7 8 9 10  
 ANSWER :->  
 A            
 B            
 C            
 D

QUESTION :-> 11 12 13 14 15 16 17 18 19 20  
 ANSWER :->  
 A            
 B            
 C            
 D

QUESTION :-> 21 22 23 24 25 26 27 28 29 30  
 ANSWER :->  
 A            
 B            
 C            
 D

TOTAL MARKS :-

13/20


M. Patil  
 Professor & Head  
 Dept. Of Microbiology  
 Dr. Vasant Rao Pawar Medical  
 College Hospital & RC  
 Adgaon, Nashik - 3

ROLL NO. (In Words)  
One hundred thirteen  
 QUESTION BOOKLET VERSION :  

1	1				
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Neha CANDIDATE SIGNATURE  
S. Patil INVIGILATOR'S SIGNATURE  
 Date : \_\_\_\_\_

USE BLUE BALL  
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INSTRUCTIONS

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- FILL ONLY ONE BLOCK FOR EACH QUESTION AS SHOWN BELOW.

Wrong	Correct
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- FILL ONLY BLOCK PROVIDED. DO NOT MAKE ANY STRAY MARKS ON THE ANSWER SHEET.
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- USE FREE SPACE IN THE QUESTION BOOKLET PROVIDED.



DR. VASANTRAO PAWAR MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, NASHIK.

MCQ ANSWER SHEET

Name of Candidate: Chirag Surana  
 Name of Examination: mid Term Exam  
 Class: microbiology Semester: 2  
 Subject: \_\_\_\_\_ Paper: \_\_\_\_\_  
 Date: 2/3/2016 Version No.: \_\_\_\_\_

ROLL NO.  

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QUESTION → 1 3 4 5 6 7 8 9 10  
 ANSWER ↓  
 A           
 B           
 C           
 D


QUESTION → 11 12 13 14 15 16 17 18 19 20  
 ANSWER ↓  
 A            
 B            
 C            
 D

QUESTION → 21 22 23 24 25 26 27 28 29 30  
 ANSWER ↓  
 A            
 B            
 C            
 D

ROLL NO. (In Words)  
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 QUESTION BOOKLET VERSION:  

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This is to certify that the entries of Roll No., Question Booklet Version, Question Booklet Sr. No. & Subject have been verified.  
 \_\_\_\_\_  
 CANDIDATE SIGNATURE  
 \_\_\_\_\_  
 INVIGILATOR'S SIGNATURE  
 Date: \_\_\_\_\_

USE BLUE BALL POINT PEN ONLY... 

- INSTRUCTIONS
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  - FILL ONLY ONE BLOCK FOR EACH QUESTION AS SHOWN BELOW.  

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  - FILL ONLY BLOCK PROVIDED. DO NOT MAKE ANY STRAY MARKS ON THE ANSWER SHEET.
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  - USE FREE SPACE IN THE QUESTION BOOKLET PROVIDED.

TOTAL MARKS :-

12  
20

M. Patel  
 Professor & Head  
 Dept. Of Microbiology  
 Dr. Vasant Rao Pawar Medical  
 College Hospital & RC  
 Adgaon, Nashik - 3

**DR. VASANTRAO PAWAR MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, NASHIK.**

**MCQ ANSWER SHEET**

Name of Candidate: Oza. Maitan P  
 Name of Examination: Mid term Exam  
 Class: 1 Semester: \_\_\_\_\_  
 Subject: Microbiology Paper: \_\_\_\_\_  
 Date: 2/03/2016 Version No.: \_\_\_\_\_

ROLL NO.

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QUESTION → 1 2 3 4 5 6 7 8 9 10

ANSWER: ↓

A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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QUESTION BOOKLET VERSION:  
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QUESTION → 11 12 13 14 15 16 17 18 19 20

ANSWER: ↓

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This is to certify that the entries of Roll No., Question Booklet Version, Question Booklet Sr. No. & Subject have been verified.

Maitan P Oza  
 CANDIDATE SIGNATURE

[Signature]  
 INVIGILATOR'S SIGNATURE

Date: 02/03/2016

QUESTION → 21 22 23 24 25 26 27 28 29 30

ANSWER: ↓

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USE BLUE BALL POINT PEN ONLY...

TOTAL MARKS :-

10/20

Maitan P  
 Professor & Head  
 Dept. Of Microbiology  
 Dr. Vasant Rao Pawar Medical  
 College Hospital & RC  
 Aagaon, Nashik -3

- INSTRUCTIONS**
- FILL THE BLOCKS  USING BLUE BALLPOINT PEN ONLY.
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MVPS DR. VASANTRAO PAWAR MEDICAL COLLEGE, HOSPITAL AND  
RESEARCH CENTER VASANTDADA NAGAR, ADGAON, NASHIK, 422003

**DEPARTMENT OF MICROBIOLOGY**

**NAAC – CRITERIA II**

MID Course Improvement Programme (2016)

Student Name	08/03/2016 Test-1	14/03/2016 Test-2	21/03/2016 Test-3
Vrushabh Gaikwad	P	P	P
Neha Rana	A	P	A
Chirag Surana	A	A	P
Oza Maitri R.	P	P	A

Name & Signature of Coordinator – Mrs. Sunita S. Phatale

Dr Nita Gangurde  
Professor & Head  
Dept. of Microbiology  
Dr Vasant Rao Pawar Medical College, Nashik

**Professor & Head**  
**Dept. Of Microbiology**  
**Dr. Vasant Rao Pawar Medical**  
**College Hospital & RC**  
**Adgaon, Nashik -3**

**Dr. VPMCH & RC, NASHIK**  
**DEPARTMENT OF MICROBIOLOGY**  
**MID COURSE EXAM**

Date : 5<sup>th</sup> March 2018

Instructions: - 1. All sections are compulsory.

**SECTION -A (Multiple Choice Questions)**

**Marks – 20**

1. The test for detection of acetoin production is
  - a) Methyl red test
  - b) VP test
  - c) Indole test
  - d) Citrate test
2. Which of the following bacteria form spore:
  - a) C. diphtheriae
  - b) Cl. perfringens
  - c) N. gonorrhoeae
  - d) Klebsiella
3. Biological indicator used in autoclave is:
  - a) Bacillus stearothermophilus spore
  - b) Clostridium tetani spore
  - c) Both of those
  - d) None of these
4. Vaccines of nonsporing bacteria are heat inactivated at:
  - a) 80°C for 51 min
  - b) 60°C for 60 min
  - c) 100°C for 30 min
  - d) 121°C for 15 min
5. Following bacteria are catalase as well as Oxidase positive *except*:
  - a) Str. pneumoniae
  - b) N. meningitidis
  - c) Ps. aeruginosa
  - d) V. Cholera
6. One of the following is NOT characteristic of transferable resistance
  - a) Resistance does not spread
  - b) Drug combinations can not prevent
  - c) High dose ineffective
  - d) Multiple drug resistance
7. Primary Atypical pneumonia is caused by –
  - a) Mycoplasma
  - b) M. tuberculosis
  - c) Pneumococcus
  - d) K. Pneumoniae
8. CAMP reaction is used for the identification of
  - a) Streptococcus faecalis
  - b) Streptococcus agalactiae
  - c) Streptococcus pyogens
  - d) Streptococcus pneumonia
9. Microconidia are absent in-
  - a) T. rubrum
  - b) E. floccosum
  - c) M. canis
  - d) T. mentagrophytes.
10. Target organ for Cryptococcus neoformans is-
  - a) Bone marrow
  - b) Kidney
  - c) Brain
  - d) Liver.
11. Following is the example of Type I hypersensitivity is-
  - a) Lepromin test
  - b) Tuberculin
  - c) Casoni's test
  - d) Arthus reaction
12. The site most commonly affected in diphtheria is-
  - a) Larynx
  - b) Skin
  - c) Fauces
  - d) Vulva
13. Malignant pustule is characteristic lesion of-
  - a) Anthrax
  - b) Pemphigus
  - c) Impetigo
  - d) Scalded skin syndrome.

*MPeta*

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**Dr. Vasanttrao Pawar Medical**  
**College Hospital & RC**  
**Adgaon, Nashik -3**

14. For diagnosis of congenital syphilis, the most useful test is
- a) TPI
  - b) VDRL
  - c) TPHA
  - d) IgM-FTA-ABS
15. Neil-Mooser or tunica reaction is NEGATIVE with
- a) R. prowazekii
  - b) R. conori
  - c) R. typhi
  - d) R. akari
16. Which of the following fungi CANNOT be cultivated
- a) Sporotrichum
  - b) Philophora
  - c) Rhinosporidium
  - d) Madurella
17. The following method of diagnosis utilize labeled antibodies except -
- a) ELISA
  - b) Haemagglutination inhibition test
  - c) Radioimmunoassay
  - d) Immunofluorescence
18. Mucormycosis is caused by
- a) Mucor
  - b) Absidia
  - c) Rhizopus
  - d) All of the above
19. 'Active Immunity is not acquired by
- a) Infection
  - b) Vaccination
  - c) Immunological transfer
  - d) Sub-clinical infection
20. Which class of antibody molecule has the ability to cross the placenta
- a) IgG
  - b) IgM
  - c) IgA
  - d) IgE

**Dr. VPMCH & RC, NASHIK  
DEPARTMENT OF MICROBIOLOGY  
MID COURSE EXAM**

Date: 14<sup>th</sup> March 2018

**SECTION –A (Multiple Choice Questions)**

**Marks 20**

1. **Electron microscope was invented by**  
a. Leeuwenhock    b. Goodpasture  
c. Ruska    d. Landsteiner
2. **Which of the following is cell wall deficient:**  
a. Mycoplasma    b. Mycobacteria  
c. Both of those    d. None of these
3. **Metachromatic granules are stained by**  
a. Gram Staining    b. ZN Staining  
c. Neisser Staining    d. Negative Staining
4. **Vaccines of nonsporing bacteria are heat inactivated at:**  
a. 80°C for 51 minutes    b. 60°C for 60 minutes  
c. 100°C for 30 minutes    d. 121°C for 15 minutes
5. **In Holder method of pasteurization, temperature used is**  
a. 63<sup>0</sup>C for 30min    b. 63<sup>0</sup>C for 60min  
c. 72<sup>0</sup>C for 20sec    d. 72<sup>0</sup>C for 30sec
6. **Following are the characteristics of mutational drug resistance EXCEPT:**  
a. Resistance does not spread    b. Multiple drug resistance  
c. Degree of resistance is low    d. Virulence may be low
7. **Exaltation is:**  
a. Increase in virulence    b. Increase in antigenicity  
c. Decrease in virulence    d. Decrease in antigenicity
8. **The immunoglobulin which can cross the placenta:**  
a. IgG    b. IgM  
c. IgD    d. IgE
9. **Resistance developed by an individual as a result of an antigenic stimulus is**  
a. Passive immunity    b. Adaptive immunity  
c. Adoptive immunity    d. Natural immunity
10. **Which part of the immunoglobulin allows for complement fixation**  
a. Fc    b. Fab  
c. Fd    d. Hinge region



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11. **Following are the diseases caused by pneumococci except:**  
 a. Bronchopneumonia  
 b. Lobar pneumonia  
 c. Meningitis  
 d. Rheumatic fever
12. **Incubation period of Staphylococcal food poisoning is-**  
 a. 1 to 6 hours  
 b. 1 to 2 days  
 c. 8 to 24 hours  
 d. 3 to 6 days.
13. **Which of the following test can be used to differentiate between meningococci & gonococci:**  
 a. Catalase test  
 b. Oxidase test  
 c. Maltose test  
 d. Glucose fermentation
14. **ASO test is used in the diagnosis of -**  
 a. Acute rheumatic fever  
 b. Rheumatoid arthritis  
 c. Sub Acute Bacterial Endocarditis  
 d. Systemic Lupus Erythematosus.
15. **Following are the characteristics of secondary immune response EXCEPT.**  
 a. Short or negligible log phase.  
 b. Higher level of antibodies that last for long.  
 c. Antibody formed is predominantly IgM.  
 d. Negative phase seen.
16. **Elek's test for toxigenicity testing in diphtheria bacilli is an example of**  
 a. Oudine procedure  
 b. Oakley-Fulthorpe procedure  
 c. Radial immunodiffusion  
 d. Ouchterlony procedure
17. **CAMP reaction is used for the identification of**  
 a. Streptococcus faecalis  
 b. Streptococcus pyogens  
 c. Streptococcus agalactiae  
 d. Streptococcus pneumoniae
18. **Acute glomerulonephritis in children follows recurrent streptococcal infections of-**  
 a. Upper respiratory tract  
 b. Genital tract  
 c. Skin  
 d. All of the above.
19. **Selective medium for isolation of Corynebacterium diphtheriae is**  
 a. Loeffler's serum slope  
 b. Lowenstein Jensen Medium  
 c. Thayer - Martin Medium  
 d. Blood Potassium Tellurite Medium
20. **Cold sterilization is achieved by**  
 a. Pasteurization  
 b. Ultraviolet rays  
 c. Gamma rays  
 d. None of these

**DR. VASANTRAO PAWAR MEDICAL COLLEGE, NASHIK**  
**DEPARTMENT OF MICROBIOLOGY**  
**MID COURSE EXAM**

Date: 21<sup>st</sup> March 2018

Instructions: - 1. All sections are compulsory.

**SECTION -A**

Marks - 20

1. L-forms of bacteria are likely if the following antibiotic is present in culture.  
a) Penicillin. b) Chloromycetin  
c) Erythromycin. d) Streptomycin.
2. Heating and subsequent plating is a method used for isolation of:  
a) Corynebacterium. b) Vibrio.  
c) Salmonella. d) Clostridia.
3. Besides vaccine against Tuberculosis, BCG is also used in  
a) Acute leukemia. b) Remission of malignant melanoma.  
c) Intradermal recurrence of breast cancer. d) All of the above
4. Agglutination with 'O' antigen of S. typhi is inhibited by  
a) Vi antigen. b) Pili antigen.  
c) Flagella antigen. d) Non of the above.
5. Neonatal meningitis acquired during passage through birth canal is due to .  
a) streptococcus agalactecae. b) streptococcus equimillies  
c) streptococcus pneumoniae d) streptococcus salivaris
6. All of following are true except  
a) E.coli an aerobe and facultative anaerobe  
b) proteus forms uric acid stones  
c) E.coli is motile by peritrichate flagella  
d) proteus caused deamination of phenylalane into phenylpyruvic acid
7. All of the following vibrio species are halophilic except  
a) V. cholera b) V. parahemolyticus  
c) V. alginolyticus d) V. fluvialis
8. The following are true for Bordetella pertussis **EXCEPT**  
a) It is a strict human pathogen  
b) it can be cultured from the patient during catarrhal stage  
c) It leads to invasion of the respiratory mucosa  
d) infection can be prevented by a acellular vaccine
9. Which of the following correctly describe H.pylori  
a) gram negative cocci curved b) gram negative bacilli curved  
c) gram positive bacilli curved d) gram negative bacilli straight
10. Who is called 'Father of Microbiology'  
a) Alexander Fleming b) Joseph Lister  
c) Louis Pasteur d) Gallileo
11. Endotoxin is a  
a) Protein b) Lipoprotein.  
c) Polysaccharide d) Protein-polysaccharide- Lipid complex.

*M.P. Patil*  
**Professor & Head**  
**Dept. Of Microbiology**  
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12. The organ of adhesion in bacteria is:  
a) flagella    b) fimbriae  
c) slime    d) Capsule
13. MacConkey's agar helps to distinguish  
a) Lactose fermenters                                b) H<sub>2</sub>S producers  
c) Oxidase producers                                 d) Sucrose fermenters
14. Safety pin appearance is seen in  
a) Yersinia pestis                                      b) Haemophilus influenzae  
c) Bordetella pertussis                              d) Brucella abortus
15. Which of the following is a late lactose fermenter ?  
a) Escherichia coli                                    b) Klebsiella pneumoniae  
c) Vibrio cholerae                                    d) Salmonella typhi
16. Special staining used for metachromatic granules are  
a) Neisser staining                                    b) Gram staining  
c) Negative staining                                 d) Leishman's staining
17. Polymerase chain reaction (PCR) is useful for the detection of  
a) Nucleic acid    b) antibody against agent  
c) both of these    d) none of these
- 18) Reagin antibody is:  
a) IgG    b) IgM  
c) IgD    d) IgE
- 19) The binding site for complement on IgG molecule is  
a) VL domain    b) CL domain  
c) CH<sub>2</sub> domain    d) CL<sub>2</sub> domain
- 20) Which of the following belongs to 'High risk of complications' group of Varicella Zoster virus infection  
a) Neonates    b) Immunocompromised patients  
c) Patients with ophthalmic Zoster                 d) all of the above

DR. VASANTRAO PAWAR MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, NASHIK.

MCQ ANSWER SHEET

Name of Candidate: Deepak Kumar  
 Name of Examination: Mid Term Exam  
 Class: Microbiology Semester: \_\_\_\_\_  
 Subject: \_\_\_\_\_ Paper: \_\_\_\_\_  
 Date: 10/13/2017 Version No.: \_\_\_\_\_

ROLL NO.  

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QUESTION: → 11 12 13 14 15 16 17 18 19 20  
 ANSWER: ↓  
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QUESTION: → 21 22 23 24 25 26 27 28 29 30  
 ANSWER: ↓  
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TOTAL MARKS :-

15  
22

M. Patel

ROLL NO. (In Words)  
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 QUESTION BOOKLET VERSION:  

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DPK  
 CANDIDATE SIGNATURE

M. Patel  
 INVIGILATOR'S SIGNATURE

Date: \_\_\_\_\_

USE BLUE BALL POINT PEN ONLY... 

INSTRUCTIONS

- FILL THE BLOCKS  USING BLUE BALLPOINT PEN ONLY.
- FILL ONLY ONE BLOCK FOR EACH QUESTION AS SHOWN BELOW.

Wrong	Correct
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- FILL ONLY BLOCK PROVIDED. DO NOT MAKE ANY STRAY MARKS ON THE ANSWER SHEET.
- ROUGH WORK MUST NOT BE DONE ON THIS ANSWER SHEET.
- USE FREE SPACE IN THE QUESTION BOOKLET PROVIDED.

MCQ ANSWER SHEET

Name of Candidate : Virek Kumar  
 Name of Examination : Mid Term Exam  
 Class : Microbiology Semester : \_\_\_\_\_  
 Subject : \_\_\_\_\_ Paper : \_\_\_\_\_  
 Date : 16/3/2017 Version No. : \_\_\_\_\_

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QUESTION :-> 1 2 3 4 5 6 7 8 9 10  
 ANSWER :->  
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QUESTION :-> 11 12 13 14 15 16 17 18 19 20  
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ROLL NO. (In Words)  
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 Candidate Signature: Virek Kumar  
 Invigilator's Signature: [Signature]  
 Date: \_\_\_\_\_

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- INSTRUCTIONS
- FILL THE BLOCKS  USING BLUE BALLPOINT PEN ONLY.
  - FILL ONLY ONE BLOCK FOR EACH QUESTION AS SHOWN BELOW.
- Wrong  Correct
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- FILL ONLY BLOCK PROVIDED. DO NOT MAKE ANY STRAY MARKS ON THE ANSWER SHEET.
  - ROUGH WORK MUST NOT BE DONE ON THIS ANSWER SHEET.
  - USE FREE SPACE IN THE QUESTION BOOKLET PROVIDED.

TOTAL MARKS :-

12/20

M. Patel

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MCQ ANSWER SHEET

Name of Candidate : Pratik Sadgir  
 Name of Examination : Mid Term Exam  
 Class : Microbiology Semester : \_\_\_\_\_  
 Subject : \_\_\_\_\_ Paper : \_\_\_\_\_  
 Date : 19/3/2017 Version No. : \_\_\_\_\_

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QUESTION :->	1	2	3	4	5	6	7	8	9	10
ANSWER :->										
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QUESTION :->	11	12	13	14	15	16	17	18	19	20
ANSWER :->										
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QUESTION :->	21	22	23	24	25	26	27	28	29	30
ANSWER :->										
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TOTAL MARKS :-

16/20

M. Patel  
 Professor & Head  
 Dept. Of Microbiology  
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 College Hospital & RC  
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ROLL NO. (In Words)  
Thirty two  
 QUESTION BOOKLET VERSION :  
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Pratik Sadgir  
 CANDIDATE SIGNATURE      INVIGILATOR'S SIGNATURE  
 Date : \_\_\_\_\_

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 2. FILL ONLY ONE BLOCK FOR EACH QUESTION AS SHOWN BELOW.  
 Wrong  Correct   
     
 3. FILL ONLY BLOCK PROVIDED. DO NOT MAKE ANY STRAY MARKS ON THE ANSWER SHEET.  
 4. ROUGH WORK MUST NOT BE DONE ON THIS ANSWER SHEET.  
 5. USE FREE SPACE IN THE QUESTION BOOKLET PROVIDED.

DR. VASANTRAO PAWAR MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, NASHIK.

MCQ ANSWER SHEET

Name of Candidate: Puja Kolehe  
 Name of Examination: Med term  
 Class: \_\_\_\_\_ Semester: \_\_\_\_\_  
 Subject: Microbiology Paper: \_\_\_\_\_  
 Date: 16/03/2017 Version No.: \_\_\_\_\_

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QUESTION → 1 2 3 4 5 6 7 8 9 10

ANSWER ↓

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QUESTION → 11 12 13 14 15 16 17 18 19 20

ANSWER ↓

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ANSWER ↓

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ROLL NO. (In Words)

Fifty Six

QUESTION BOOKLET VERSION:


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Kolehe Puja  
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[Signature]  
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Date: 16/03/2017

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INSTRUCTIONS

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- FILL ONLY ONE BLOCK FOR EACH QUESTION AS SHOWN BELOW.

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- FILL ONLY BLOCK PROVIDED. DO NOT MAKE ANY STRAY MARKS ON THE ANSWER SHEET.
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TOTAL MARKS :-

**9/10**

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 Professor & Head  
 Dept. Of Microbiology  
 Dr. Vasant Rao Pawar Medical  
 College Hospital & RC  
 Adgaon, Nashik -3

Name of Candidate : Tilash Gavik  
 Name of Examination : Mid Course Exam  
 Class : \_\_\_\_\_ Semester : \_\_\_\_\_  
 Subject : Microbiology Paper : \_\_\_\_\_  
 Date : 16/3/2017 Version No. : \_\_\_\_\_

ROLL NO.

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QUESTION :-> 1 2 3 4 5 6 7 8 9 10

ANSWER :->

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QUESTION :-> 11 12 13 14 15 16 17 18 19 20

ANSWER :->

A

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C

D

QUESTION :-> 21 22 23 24 25 26 27 28 29 30

ANSWER :->

A

B

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ROLL NO. (In Words)  
Ninety two

QUESTION BOOKLET VERSION :

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Logpal INVIGILATOR'S SIGNATURE

Date : \_\_\_\_\_

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RESEARCH CENTER VASANTDADA NAGAR, ADGAON, NASHIK, 422003

**DEPARTMENT OF MICROBIOLOGY**

**NAAC – CRITERIA II**

MID Course Improvement Programme

Student Name	Test-1	Test-2	Test-3
Deepak Kumar	P	A	P
Vivek Kumar	P	A	A
Pratik Sadgir	P	P	A
Puja kolhe	P	A	p
Tillesh Gavit	P	P	A

Name & Signature of Coordinator – Mrs. Sunita S. Phatale

Dr. Nita Gangurde  
Professor & Head  
Dept. of Microbiology  
Dr. Vasant Rao Pawar Medical College, Nashik

Professor & Head  
Dept. Of Microbiology  
Dr. Vasant Rao Pawar Medical  
College Hospital & RC  
Adgaon, Nashik -3

**NDMVPS MEDICAL COLLEGE, NASHIK**  
**DEPARTMENT OF MICROBIOLOGY**

Date: 5<sup>th</sup> March 2018

Total Marks - 20

- 1) Polymerase chain reaction (PCR) is useful for the detection of
  - a) Nucleic acid
  - b) antibody against agent
  - c) both of these
  - d) none of these
- 2) Reaginic antibody is:
  - a.) IgG.
  - b) IgM
  - c) IgD
  - d) IgE
- 3) The binding site for complement on IgG molecule is
  - a) VL domain
  - b) CL domain
  - c) CH<sub>2</sub>domain
  - d) CL<sub>2</sub> domain
- 4) Which of the following belongs to 'High risk of complications' group of Varicella Zoster virus infection
  - a) Neonates
  - b) Immunocompromised patients
  - c) Patients with ophthalmic Zoster
  - d) all of the above
- 5) Which of the following is the vector of Kala Azar
  - a) Xenopsylla
  - b) Anopheles
  - c) Culex
  - d) Sandfly.
- 6) Which of the following causes Malignant Malaria
  - a) P.falciparum
  - b) P.vivax
  - c) P. malariae
  - d) P.ovale
- 7) All following are true regarding thick blood film EXCEPT
  - a) More sensitive than thin film
  - b) Parasite can be searched promptly
  - c) Better appreciation of morphology of parasite
  - d) Schizonts and gametocytes retain their normal appearance
- 8) All following are correct about Trematodes EXCEPT
  - a) Unsegmented and leaf shaped
  - b) Suckers devoid of hooks are present

  
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**College Hospital & RC**  
**Adgaon, Nashik -3**



- c) Complete alimentary canal with anal opening  
d) Body cavity is absent
- 9) Microconidia are absent in-
- a) *T. rubrum*  
b) *E. floccosum*  
c) *M. canis*  
d) *T. mentagrophytes*.
- 10) Which of the following is NOT true about *Candida albicans*
- a) Forms Germ tube in three hrs  
b) forms Chlamydospores  
c) Assimilates sucrose  
d) ferments sucrose
- 11) Infectious mononucleosis can be diagnosed by-
- a) Weil-Felix reaction  
b) Casoni's test  
c) Paul-Bunnell test  
d) Frei's test.
- 12) Persons having high titers of HBsAg & HBeAg in serum are called
- a) Simple carriers  
b) Temporary carriers  
c) Super carriers  
d) Convalescent carriers
- 13) Aflatoxin is produced by-
- a) *Aspergillus fumigatus*  
b) *Aspergillus flavus*  
c) *Aspergillus niger*  
d) *Aspergillus clavatus*.
- 14) Graft between identical twins is an example of
- a) Autograft  
b) Allograft  
c) Isograft  
d) Xenograft
- 15) Pityriasis versicolor is caused by-
- a) *Microsporum gypseum*  
b) *Piedra hortai*  
c) *Malassezia furfur*  
d) *Trichosporon beigelii*.
- 16) Which of the following cells are implicated in immunity against cancer-
- a) Natural killer  
b) Eosinophils  
c) Neutrophils  
d) Platelets
17. CAMP reaction is used for the identification of
- a. *Streptococcus faecalis*  
b. *Streptococcus pyogenes*  
c. *Streptococcus agalactiae*  
d. *Streptococcus pneumoniae*

18. Acute glomerulonephritis in children follows recurrent streptococcal infections of-
- a. Upper respiratory tract
  - b. Genital tract
  - c. Skin
  - d. All of the above.
19. Selective medium for isolation of *Corynebacterium diphtheriae* is
- a. Loeffler's serum slope
  - b. Lowenstein Jensen Medium
  - c. Thayer - Martin Medium
  - d. Blood Potassium Tellurite Medium
20. Cold sterilization is achieved by
- a. Pasteurization
  - b. Ultraviolet rays
  - c. Gamma rays
  - d. None of these

**DR. VASANTRAO PAWAR MEDICAL COLLEGE, NASHIK**  
**DEPARTMENT OF MICROBIOLOGY**

**MID COURSE EXAM**

Date: 14 March 2018

Instructions: - 1. All questions are compulsory.

Time: 10:00-10:30  
Marks-20

1. Who is called 'Father of Bacteriology'-  
a) Alexander Fleming  
b) Robert Koch  
c) Joseph Lister  
d) Gallileo.
2. Staining techniques in microbiology was introduced by-  
a) Robert Hook  
b) Ziehl-Neelsen  
c) Robert Koch  
d) Louis Pasteur.
3. The critical step in Gram staining is-  
a) Primary stain  
b) Decolourising  
c) Mordant  
d) Counter stain.
4. Endotoxin is a-  
a) Protein  
b) Polysaccharide  
c) Lipoprotein  
d) Protein-polysaccharide- Lipid complex.
5. The best method of disposing infective hospital material is-  
a) Radiation  
b) Flaming  
c) Boiling  
d) Incineration.
6. Transfer of genetic information from DNA to RNA is called-  
a) Transcription  
b) Transduction  
c) Translation  
d) Transformation.
7. Which of the following bacterial structure is involved in attachment to cell surface  
a) Pili  
b) Flagella  
c) Capsule  
d) Mesosomes
8. Significant bacteriuria in voided urine is  
a)  $\geq 100$  bacteria / ml  
b)  $\geq 10\ 000$  bacteria / ml  
c)  $\geq 1\ 000$  bacteria / ml  
d)  $\geq 1\ 00\ 000$  bacteria / ml
9. The commonest cause of traveller's diarrhoea is  
a) Enterotoxigenic E. coli  
c) Enteroinvasive E. coli

  
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**Dept. Of Microbiology**  
**Dr. Vasantao Pawar Medical**  
**College Hospital & RC**  
**Adgaon, Nashik -3**



**DR. VASANTRAO PAWAR MEDICAL COLLEGE, NASHIK**  
**DEPARTMENT OF MICROBIOLOGY**  
**MID COURSE EXAM**

Date: 20 March 2018

Instructions: - 1. All questions are compulsory.

Total Marks - 20

**SECTION - A (Multiple Choice Questions)**

1. Which of the following is endotoxin.
  - a. Botulinum toxin
  - b. Anthrax toxin
  - c. Diphtheria toxin
  - d. Lipid A portion lipopolysaccharide
2. MRSA is mediated due to .
  - a. plasmid
  - b. chromosome.
  - c. Transposons
  - d. None
3. All of the following are oxidase negative bacteria except.
  - a. Escherichia coli
  - b. Klebsiella.
  - c. Proteus
  - d. Pseudomonas.
4. Which is an enriched media
  - a. Selenite F broth
  - b. Peptone water
  - c. MacConkey agar
  - d. chocolate agar
5. Bacterial capsule can be best demonstrated by
  - a. Gram staining
  - b. Acid fast staining
  - c. Negative staining
  - d. Albert staining.
6. Primary immune response - the correct statement is.
  - a. Involves IgG
  - b. Antibody producing cells- Memory B cell.
  - c. No lag period.
  - d. Slow and sluggish.
7. Which part of the bacteria is mostly antigenic?
  - a. Protein
  - b. Carbohydrate
  - c. Lipid.
  - d. Nucleic acid.
8. Which antibody crosses placenta?
  - a. IgA
  - b. IgG
  - c. IgE
  - d. IgM
9. Nagler reaction is example of
  - a. Precipitation
  - b. CFT

*MP Patil*

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c. Agglutination

d. Neutralization

10. Which one of the following cytokine induces fever?
- IL-2
  - IL-1
  - IL-4
  - IL-5
11. Germ tube test is diagnostic for .
- Candida glabrata*
  - Candida albicans*
  - Cryptococcus neoformans*
  - Coccidioides immitis*
12. Organism that does not affect nail
- Trichophyton*
  - Epidermophyton*
  - Microsporium*
  - Candida albicans*.
13. Aflatoxins are produced by
- Aspergillus niger*
  - Aspergillus fumigatus*
  - Aspergillus flavus*
  - All of the above
14. Culture media for fungus is
- Tellurite medium
  - NNN medium
  - Chocolate agar
  - Sabouraud's dextrose medium
15. Asxual spores of fungi are following except.
- Arthrospores
  - Chlamydospores
  - blastospores
  - Ascospores.
16. Scalded skin syndrome is mediated by.
- Hemolysin
  - Coagulase.
  - Enterotoxin
  - Epidermolytic toxin.
17. Which of the following site is most commonly affected by c. diphtheria?
- Skin
  - Conjunctiva
  - faucial
  - Kidney.
- 18 In a patient with typhoid, diagnosis after 15 days of onset of fever is best done by.
- Blood culture
  - Stool culture
  - Urine culture
  - Widal test
19. Rat bite fever is caused by
- Borrelia recurrentis*
  - Streptobacillus moniliformis*
  - Yersinia Pestis*
  - Leptospira*
20. Fried egg colonies are produced by
- Bacillus cereus*
  - Haemophilus influenzae*

MCQ ANSWER SHEET

Name of Candidate : ABHIJAY GADKARI  
 Name of Examination : MID COURSE  
 Class : \_\_\_\_\_ Semester : \_\_\_\_\_  
 Subject : MICRO Paper : \_\_\_\_\_  
 Date : 5/3/2018 Version No. : \_\_\_\_\_

ROLL NO.

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QUESTION :-> 1 2 3 4 5 6 7 8 9 10

ANSWER : ↓

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QUESTION :-> 11 12 13 14 15 16 17 18 19 20

ANSWER : ↓

A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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QUESTION :-> 21 22 23 24 25 26 27 28 29 30

ANSWER : ↓

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TOTAL MARKS :-

11/20 MPD

ROLL NO. (In Words)

QUESTION BOOKLET VERSION :


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CANDIDATE SIGNATURE: Abhijay Gadkari

INVIGILATOR'S SIGNATURE: MPD

Date : 5/3/2018

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 Dr. Vasant Rao Pawar Medical  
 College Hospital & RC  
 Adgaon, Nashik

MCQ ANSWER SHEET

Name of Candidate : Koanti Munde  
 Name of Examination : Mid Course Exam  
 Class : \_\_\_\_\_ Semester : \_\_\_\_\_  
 Subject : Micro Paper : \_\_\_\_\_  
 Date : 5/3/2018 Version No. : \_\_\_\_\_

ROLL NO.

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QUESTION :→ 1 2 3 4 5 6 7 8 9 10

ANSWER :↓

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QUESTION :→ 11 12 13 14 15 16 17 18 19 20

ANSWER :↓

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QUESTION :→ 21 22 23 24 25 26 27 28 29 30

ANSWER :↓

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TOTAL MARKS :-

11/20 MPP

ROLL NO. (In Words) \_\_\_\_\_

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Koanti Munde  
CANDIDATE SIGNATURE

MPP  
INVIGILATOR'S SIGNATURE

Date : 5/3/2018

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MPP  
Professor & Head  
Dept. Of Microbiology  
Dr. Vasant Rao Pawar Medical  
College Hospital & RC  
Adgaon, Nashik-3



**DR. VASANTRAO PAWAR MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, NASHIK.**

**MCQ ANSWER SHEET**

Name of Candidate : Vasane Nikam  
 Name of Examination : Mid Course Exam  
 Class : \_\_\_\_\_ Semester : \_\_\_\_\_  
 Subject : Microbiology Paper : \_\_\_\_\_  
 Date : 5/3/2018 Version No. : \_\_\_\_\_

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QUESTION :→ 1 2 3 4 5 6 7 8 9 10

ANSWER :↓

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ANSWER :↓

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QUESTION :→ 21 22 23 24 25 26 27 28 29 30

ANSWER :↓

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TOTAL MARKS :-

12  
20

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QUESTION BOOKLET VERSION :


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Vasane  
CANDIDATE SIGNATURE

MPD  
INVIGILATOR'S SIGNATURE

Date : 5/3/2018

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- FILL ONLY ONE BLOCK FOR EACH QUESTION AS SHOWN BELOW.

Wrong  Correct

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MPD  
Professor & Head  
Dept. Of Microbiology  
Dr. Vasantao Pawar Medical  
College Hospital & RC  
Adgaon, Nashik -3

**DR. VASANTRAO PAWAR MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, NASHIK.**  
**MCQ ANSWER SHEET**

Name of Candidate : Raundal Mohanish Sahebrao  
 Name of Examination : Mid Course Exam  
 Class : \_\_\_\_\_ Semester : \_\_\_\_\_  
 Subject : Microbiology Paper : \_\_\_\_\_  
 Date : 5/3/2018 Version No. : \_\_\_\_\_

**ROLL NO.**

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QUESTION :→ 1 2 3 4 5 6 7 8 9 10

ANSWER :↓

A

B

C

D

QUESTION :→ 11 12 13 14 15 16 17 18 19 20

ANSWER :↓

A

B

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D

QUESTION :→ 21 22 23 24 25 26 27 28 29 30

ANSWER :↓

A

B

C

D

TOTAL MARKS :-

13  
20

**ROLL NO. (In Words)**

\_\_\_\_\_

QUESTION BOOKLET VERSION :

\_\_\_\_\_

This is to certify that the entries of Roll No., Question Booklet Version, Question Booklet Sr. No. & Subject have been verified.

Raundal MPD  
 CANDIDATE SIGNATURE INVIGILATOR'S SIGNATURE

Date : 5/3/2018

**USE BLUE BALL POINT PEN ONLY...** 

**INSTRUCTIONS**

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Wrong       Correct

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MPD  
**Professor & Head**  
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**Dr. Vasant Rao Pawar Medical**  
**College Hospital & RC**  
**Adgaon, Nashik -3**

**DR. VASANTRAO PAWAR MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, NASHIK.**  
**MCQ ANSWER SHEET**

Name of Candidate : Abhijay Gadke  
 Name of Examination : Mid Course Exam  
 Class : \_\_\_\_\_ Semester : \_\_\_\_\_  
 Subject : Microbio. Paper : \_\_\_\_\_  
 Date : 14/3/2018 Version No. : \_\_\_\_\_

**ROLL NO.**

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QUESTION :-> 1 2 3 4 5 6 7 8 9 10

ANSWER : ↓

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QUESTION :-> 11 12 13 14 15 16 17 18 19 20

ANSWER : ↓

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QUESTION :-> 21 22 23 24 25 26 27 28 29 30

ANSWER : ↓

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CANDIDATE SIGNATURE      INVIGILATOR'S SIGNATURE


Date: 14/3/2018

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- 
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**TOTAL MARKS :-**

15/20 

  
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**Dept. Of Microbiology**  
**Dr. Vasant Rao Pawar Medical**  
**College Hospital & RC**  
**Adgaon, Nashik -3**

**DR. VASANTRAO PAWAR MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, NASHIK.**  
**MCQ ANSWER SHEET**

Name of Candidate : Vikram Vasave  
 Name of Examination : Med Course Exam  
 Class : \_\_\_\_\_ Semester : \_\_\_\_\_  
 Subject : Microbio Paper : \_\_\_\_\_  
 Date : 14/3/2018 Version No. : \_\_\_\_\_

**ROLL NO.**

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QUESTION :→ 1 2 3 4 5 6 7 8 9 10

ANSWER :↓

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ANSWER :↓

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QUESTION :→ 21 22 23 24 25 26 27 28 29 30

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TOTAL MARKS :-

12  
20

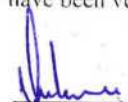
**ROLL NO. (In Words)**


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QUESTION BOOKLET VERSION :


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 CANDIDATE SIGNATURE

  
 INVIGILATOR'S SIGNATURE

Date : 14/3/2018

**USE BLUE BALL POINT PEN ONLY...** 

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**Professor & Head**  
**Dept. Of Microbiology**  
**Dr. Vasantao Pawar Medical**  
**College Hospital & RC**  
**Adgaon, Nashik - 3**

**DR. VASANTRAO PAWAR MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, NASHIK.**  
**MCQ ANSWER SHEET**

Name of Candidate : Sumeet Rajput  
 Name of Examination : Mid course Exam  
 Class : \_\_\_\_\_ Semester : \_\_\_\_\_  
 Subject : Microbiology Paper : \_\_\_\_\_  
 Date : 14/3/2018 Version No. : \_\_\_\_\_

**ROLL NO.**

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QUESTION :→ 1 2 3 4 5 6 7 8 9 10

ANSWER :↓

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QUESTION BOOKLET VERSION :

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QUESTION :→ 11 12 13 14 15 16 17 18 19 20

ANSWER :↓

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Sumeet  
 CANDIDATE SIGNATURE


MP  
 INVIGILATOR'S SIGNATURE

Date 14/3/2018

QUESTION :→ 21 22 23 24 25 26 27 28 29 30

ANSWER :↓

A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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**USE BLUE BALL POINT PEN ONLY....** 

**TOTAL MARKS :-**

14  
20

**INSTRUCTIONS**

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Wrong	Correct
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MP  
**Professor & Head**  
**Dept. Of Microbiology**  
**Dr. Vasant Rao Pawar Medical**  
**College Hospital & RC**

**DR. VASANTRAO PAWAR MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, NASHIK.**  
**MCQ ANSWER SHEET**

Name of Candidate : Vikram Vasane  
 Name of Examination : Mid Course Exam.  
 Class : \_\_\_\_\_ Semester : \_\_\_\_\_  
 Subject : Microbiology Paper : \_\_\_\_\_  
 Date : 20/3/2018 Version No. : \_\_\_\_\_

**ROLL NO.**

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9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

QUESTION :→ 1 2 3 4 5 6 7 8 9 10

ANSWER :↓

A

B

C

D

QUESTION :→ 11 12 13 14 15 16 17 18 19 20

ANSWER :↓

A

B

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QUESTION :→ 21 22 23 24 25 26 27 28 29 30

ANSWER :↓

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TOTAL MARKS :-

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Vikram Vasane  
CANDIDATE SIGNATURE

MPD  
INVIGILATOR'S SIGNATURE

Date : 20/3/2018

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MPD  
**Professor & Head**  
**Dept. Of Microbiology**  
**Dr. Vasant Rao Pawar Medical**  
**College Hospital & RC**  
**Adgaon, Nashik-3**

**DR VASANTRAO PAWAR MEDICAL COLLEGE, HOSPITAL & RC, NASHIK**  
**Department of Microbiology**

**MID Course Improvement Programme**

<b>Student Name</b>	<b>05/03/2018 Test-1</b>	<b>14/03/2018 Test-2</b>	<b>20/03/2018 Test-3</b>
Raundal Mohanish Sahebrao	P	A	A
Vasave Vikram Navsa	P	P	P
Gadkari Abhijay Hitendra	P	P	A
Munde Kranti Balaji	P	A	A
Rajput Sumeet Mahendra	A	P	P

Name & Signature of Coordinator -

*Roopali*  
Dr. Roopali Gunjal

*NPati*  
Professor & Head  
Dept. Of Microbiology  
Dr. Vasantao Pawar Medical  
College Hospital & RC  
Adgaon, Nashik -3

**DR. VASANTRAO PAWAR MEDICAL COLLEGE, NASHIK**  
**DEPARTMENT OF MICROBIOLOGY**  
**MID COURSE EXAM**


Date: 5 March 2019

Instructions: - 1. All sections are compulsory.

Total Marks - 20

**SECTION - A (Multiple Choice Questions)**

1. McFaydens reaction is given positive by which bacteria
  - a. Corynebacterium diphtheriae
  - b. Bacillus anthracis
  - c. Clostridium perfringens
  - d. Brucella abortus
2. Total doses of tetanus toxoid given in children are
  - a. 3
  - b. 5
  - c. 7
  - d. 10
3. Nagler's reaction is positive in
  - a. Cl. perfringens
  - b. Cl. tetani
  - c. Cl. botulinum
  - d. Cl. Novyi
4. CBNAAT is based on which assay of PCR
  - a. Multiplex PCR
  - b. Nested PCR
  - c. Real time PCR
  - d. Biofire Film Array
5. Swimming pool granuloma is caused by
  - a. M. kansasii
  - b. M. ulcerans
  - c. M. marinum
  - d. M. scrofulaceum
6. Traveller's diarrhea is caused by
  - a. EPEC
  - b. ETEC
  - c. EIEC
  - d. EHEC
7. Non motile organism amongst the following is
  - a. E. coli
  - b. Shigella
  - c. Klebsiella
  - d. b & c
8. Wayson's staining is for
  - a. Serratia
  - b. Haffnia
  - c. Yersinia
  - d. Klebsiella
9. Shanghai fever is caused by
  - a. Salmonella Typhi
  - b. Salmonella typhimurium
  - c. Pseudomonas aeruginosa
  - d. Burkholderia cepaciae
10. All are non specific diagnostic tests for syphilis except
  - a. Kahn's
  - b. TPHA
  - c. VDRL
  - d. WASSERMAN CFT
11. Intracytoplasmic inclusion bodies seen in rabies are
  - a. Molluscum bodies
  - b. Negri bodies
  - c. Guarner bodies
  - d. Bollinger bodies

  
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**College Hospital & RG**



12. Actinomyces are
- a. Gram negative bacteria
  - b. Motile
  - c. Gram positive filamentous bacteria
  - d. Acid fast.
13. Trench fever or Five day fever or Quintan fever is caused by
- a. Bartonella henselae
  - b. Bartonella bacilliformis
  - c. Bartonella quintana
  - d. Anaplasma phagocytophilum
14. Groove sign is characteristic of
- a. Lymphogranuloma venerum
  - b. Trachoma
  - c. Reiters syndrome
  - d. Inclusion conjunctivitis
15. The enanthem and pathognomic sign of measles is
- a. Kopliks spots
  - b. Warthin finkeldy cells
  - c. Forscheimer's spots
  - d. Orchitis
16. Fried egg colony is produced by
- a. Legionella pneumophila
  - b. Coxiella burnetti
  - c. Streptococcus pneumonia
  - d. Mycoplasma pneumonia
17. Positive tourniquet test is used for the diagnosis of
- a. DHF
  - b. Chickengunya
  - c. West nile
  - d. Rift valley fever
18. A young pregnant women presents with fulminant hepatic failure. The most likely agent is
- a. HBV
  - b. HAV
  - c. HCV
  - d. HEV
19. Schedule of Hepatitis B vaccine is
- a. 0, 1, 6 days
  - b. 0, 1, 6 weeks
  - c. 0, 1, 6 months
  - d. 0, 1, 6 years
20. Human prion disease are all of the following except
- a. Chronic wasting disease
  - b. Creutzfeldt Jacob disease
  - c. Gerstmann Straussler Scheinker syndrome
  - d. Fatal familial insomnia

**DR. VASANTRAO PAWAR MEDICAL COLLEGE, NASHIK**  
**DEPARTMENT OF MICROBIOLOGY**  
**MID COURSE EXAM**


Date: 14 March 2019

Instructions: - 1. All sections are compulsory.

Total Marks - 20

**SECTION - A (Multiple Choice Questions)**

1. Mc Faydens reaction is given positive by which bacteria
  - a. Corynebacterium diphtheriae
  - b. Bacillus anthracis
  - c. Clostridium perfringens
  - d. Brucella abortus
2. Total doses of tetanus toxoid given in children are
  - a. 3
  - b. 5
  - c. 7
  - d. 10
3. Nagler's reaction is positive in
  - a. Cl. perfringens
  - b. Cl. tetani
  - c. Cl. botulinum
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4. CBNAAT is based on which assay of PCR
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**Adgaon, Nashik -3**

12. Actinomyces are
- |                                       |               |
|---------------------------------------|---------------|
| a. Gram negative bacteria             | b. Motile     |
| c. Gram positive filamentous bacteria | d. Acid fast. |
13. Trench fever or Five day fever or Quintan fever is caused by
- |                        |                              |
|------------------------|------------------------------|
| a. Bartonella henselae | b. Bartonella bacilliformis  |
| c. Bartonella quintana | d. Anaplasma phagocytophilum |
14. Groove sign is characteristic of
- |                            |                             |
|----------------------------|-----------------------------|
| a. Lymphogranuloma venerum | b. Trachoma                 |
| c. Reiters syndrome        | d. Inclusion conjunctivitis |
15. The enanthem and pathognomic sign of measles is
- |                       |                           |
|-----------------------|---------------------------|
| a. Kopliks spots      | b. Warthin finkeldy cells |
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16. Fried egg colony is produced by
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|--------------|----------------------|
| a. DHF       | b. Chickengunya      |
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|--------|--------|
| a. HBV | b. HAV |
| c. HCV | d. HEV |
19. Schedule of Hepatitis B vaccine is
- |                   |                  |
|-------------------|------------------|
| a. 0, 1, 6 days   | b. 0, 1, 6 weeks |
| c. 0, 1, 6 months | d. 0, 1, 6 years |
20. Human prion disease are all of the following except
- |  |                              |
|--|------------------------------|
| a. Chronic wasting disease                 | b. Creutzfeldt Jacob disease |
| c. Gerstmann Straussler Scheinker syndrome | d. Fatal familial insomnia   |

**NDMVPS Dr. VPMCH & RC, NASHIK**  
**DEPARTMENT OF MICROBIOLOGY**  
**MID COURSE EXAM**

Date: 8 MARCH, 2015

Instructions: - 1. All questions are compulsory.

Mark - 20

1. Cultivation of viruses was developed by:

- |             |                |
|-------------|----------------|
| a. Ellerman | b. Goodpasture |
| c. Yersin   | d. Robert Koch |

2. Which of the following organism is cell wall deficient:

- |                  |                  |
|------------------|------------------|
| a. Mycoplasma    | b. Mycobacteria  |
| c. Both of those | d. None of these |

3. Endotoxic activity in Gram-negative bacteria is due to:

- |            |                   |
|------------|-------------------|
| a. Lipid A | b. Polysaccharide |
| c. Protein | d. None of these  |

4. Psychrophilic bacteria grow at

- |                             |  |
|-----------------------------|--|
| a. $< 20^{\circ} \text{C}$  | b. $25-40^{\circ} \text{C}$            |
| c. $55-80^{\circ} \text{C}$ | d. grow in presence of organic matter. |

5. Gaseous sterilization is achieved by the following agents *except*:

- |                   |                       |
|-------------------|-----------------------|
| a. Ethylene oxide | b. Beta-propiolactone |
| c. Glutaraldehyde | d. Formaldehyde       |

6. A 45 years old diabetic man has an ulcer on foot. Culture of the ulcer exhibits Gram negative bacilli with swarming on blood agar. The possible organism -

- |                      |                        |
|----------------------|------------------------|
| a. E.coli            | b. Serratia marcescens |
| c. Proteus mirabilis | d. Salmonella typhi    |

7. Following are the methods of transmission of genetic material in bacteria *except*:

- |                         |                  |
|-------------------------|------------------|
| a. Transformation       | b. Transcription |
| c. Lysogenic conversion | d. Conjugation   |

8. Nagler reaction is based on principle of

- |   |                           |
|---|---------------------------|
| a. Neutralisation of antigen & antibody | b. Precipitation reaction |
| c. Complement fixation                  | d. None of the above      |

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9. A 65 years old man develops an abscess on back of neck. Culture yields *Staphylococcus aureus*. The isolate is tested and found to be positive for mec A gene, which means that
- The isolate is resistant to oxacillin/methicillin
  - The isolate is sensitive to oxacillin/methicillin
  - The isolate is resistant to vancomycin
  - The isolate is sensitive to vancomycin
10. HACEK group of bacteria is associated with
- Veneral disease
  - Pneumonitis
  - Gastroenteritis
  - Endocarditis
11. Cough plate method is useful for culture of
- Streptococcus pneumoniae*
  - Haemophilus influenzae*
  - Streptococcus pneumoniae*
  - Bordetella pertussis*
12. For diagnosis of congenital syphilis, the most useful test is
- TPI
  - TPHA
  - VDRL
  - IgM-FTA-ABS
13. *Chlamydia trachomatis* can cause all of the following EXCEPT
- Lymphogranuloma venereum
  - Non-gonococcal urethritis
  - Trachoma
  - Psittacosis
14. 'Clue cells' are a feature of infection by
- Neisseria gonorrhoeae*.
  - Chlamydia trachomatis*.
  - Gardnerella vaginalis*.
  - Mycoplasma hominis*.
15. All of the following *Shigella* species ferment Mannitol EXCEPT
- Shigella flexneri*
  - Shigella boydii*
  - Shigella dysenteriae*
  - Shigella sonnei*

16. Which of the following statement is true for *Corynebacterium diphtheriae*?
- a. It does not remain fully virulent in blankets & floor dust
  - b. It produces a potent lipopolysaccharide toxin
  - c. Specific treatment should be instituted immediately on suspicion of diphtheria without waiting for laboratory tests
  - d. Diphtheria bacilli are always demonstrable in smear from the lesion
17. Example of complement fixation test is
- a) Coomb's test
  - b) Rose – Waler test
  - c) Coagulation test
  - d) Wassermann test
18. Blastomycosis is usually a chronic infection caused by
- a) Lungs
  - b) Heart
  - c) Intestine
  - d) All of the above
19. Which of the following is a late lactose fermenter
- a) *E. coli*
  - b) *Shigella dysenteriae*
  - c) *Klebsiella*
  - d) *Shigella sonnei*
20. Major Histocompatibility Complex in man is known as
- a) H-2 Complex.
  - b) HLA Complex
  - c) Both a) & c)
  - d) None of the above
-

**DR. VASANTRAO PAWAR MEDICAL COLLEGE, NASHIK**  
**DEPARTMENT OF MICROBIOLOGY**  
**MID COURSE EXAM**

Date: 19 March 2019

Instructions: - 1. All sections are compulsory.

Total Marks 20

**SECTION -A (Multiple Choice Questions)**

1. Use of Gram staining are all EXCEPT
  - a) Helps to start empirical treatment
  - b) Helps to detect yeast bacteria
  - c) Helps for identification
  - d) Can differentiate motile and nonmotile
2. Which of the following bacteria is commonly capsulated?
  - a) E.coli
  - b) Staphylococci
  - c) Salmonella
  - d) Klebsiella
3. Which is a form of cold sterilization? -
  - a) Infra red rays
  - b) Steam sterilisation
  - c) Gamma rays
  - d) UV rays.
4. Agar concentration required to prepare nutrient agar is -
  - a) 2%
  - b) 6%
  - c) 0.25%
  - d) 0.5%.
5. Which is not a selective medium? -
  - a) DCA(Deoxycholate Citrate) agar
  - b) XLD (Xylose lysine deoxycholate) agar
  - c) Selenite F broth
  - d) Wilson Blair bismuth sulfite medium
6. Blood culture bottle contains -
  - a) Peptone water broth
  - b) Selenite F broth
  - c) BHI broth
  - d) Tryptic soy broth
7. Triple sugar iron agar consists of all the following
  - a) Glucose
  - b) Lactose
  - c) Maltose
  - d) Sucrose
8. Which type of hemolysis on blood agar is a misnomer
  - a) Alfa
  - b) Beta
  - c) Gamma
  - d) Alfa prime
9. Three basic steps of PCR cycle involves all EXCEPT
  - a) Denaturation
  - b) Amplification
  - c) Extension
  - d) Gel documentation
10. Following Hfr x F<sup>-</sup> mating, the recipient cell becomes
  - a) F<sup>+</sup> cell
  - b) F<sup>-</sup> cell
  - c) Hfr cell
  - d) F' cell
11. Primary immune response- the correct statement is
  - a) involves IgG
  - b) Antibody producing cell- memory B cell
  - c) No log period
  - d) Slow & sluggish.
12. In a Dark Ground Microscope, contrast is improved by
  - a) Retarded light
  - b) Reflected light
  - c) Transmitted light
  - d) Natural light
13. Which antibody mediates type I hypersensitivity reaction?
  - a) IgA
  - b) IgG
  - c) IgE
  - d) IgM

  
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**Adgaon, Nashik - 3**

14. All of the following interactions exist between antigen and antibody EXCEPT
- a) Hydrogen bonds
  - b) Covalent interaction
  - c) Electrostatic interactions
  - d) Van der Waals force
15. A patient has prosthetic valve replacement and he developed endocarditis 8 months later. Organism responsible is-
- a) *Staphylococcus aureus*
  - b) Viridans streptococci
  - c) *Staphylococcus epidermidis*
  - d) HACEK
16. Carrom coin appearance of colonies is seen in -
- a) *S.pyogenes*
  - b) *S.agalactiae*
  - c) Viridans streptococci
  - d) *S.pneumoniae*
17. Neonatal meningitis acquired through infected birth canal is due to-
- a) *S.pyogenes*
  - b) *S.agalactiae*
  - c) Viridans streptococci
  - d) *S.pneumoniae*
18. The most common mode of transmission of gonorrhoea is-
- a) venereal mode
  - b) Injection
  - c) blood transfusion
  - d) inhalation
19. Metachromatic granules of *Corynebacterium diphthiae* can be stained by all of the following special stains EXCEPT-
- a) Neisser's stain
  - b) Z-N stain
  - c) Albert stain
  - d) Ponder's stain
20. Traveller's diarrhea is caused by
- a) ETEC
  - b) EHEC
  - c) EPEC
  - d) EIEC



**VASANTRAO PAWAR MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, NASHIK.**

**MCQ ANSWER SHEET**

Name of Candidate : Zaidullah Md. Siddiqui  
 Name of Examination : Mid Course Exam  
 Class : \_\_\_\_\_ Semester : \_\_\_\_\_  
 Subject : Microbiology Paper : \_\_\_\_\_  
 Date : 14/3/2019 Version No. : \_\_\_\_\_

**ROLL NO.**

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9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

QUESTION :-> 1 2 3 4 5 6 7 8 9 10

ANSWER : ↓

A

B

C

D

QUESTION :-> 11 12 13 14 15 16 17 18 19 20

ANSWER : ↓

A

B

C

D

QUESTION :-> 21 22 23 24 25 26 27 28 29 30

ANSWER : ↓

A

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D

TOTAL MARKS :-

11/20 *MPD*

**ROLL NO. (In Words)**

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QUESTION BOOKLET VERSION :


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This is to certify that the entries of Roll No., Question Booklet Version, Question Booklet Sr. No. & Subject have been verified.

*[Signature]*  
CANDIDATE SIGNATURE

*[Signature]*  
INVIGILATOR'S SIGNATURE

Date : / /

USE BLUE BALL POINT PEN ONLY... 

**INSTRUCTIONS**

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Wrong  Correct

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- ROUGH WORK MUST NOT BE DONE ON THIS ANSWER SHEET.
- USE FREE SPACE IN THE QUESTION BOOKLET PROVIDED.

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**VASANTRAO PAWAR MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, NASHIK.**

**MCQ ANSWER SHEET**

Name of Candidate : Mohanish Saundhal  
 Name of Examination : Mid Course Exam.  
 Class : \_\_\_\_\_ Semester : \_\_\_\_\_  
 Subject : Microbiology Paper : \_\_\_\_\_  
 Date : 14/3/2019 Version No. : \_\_\_\_\_

**ROLL NO.**

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9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

QUESTION :→ 1 2 3 4 5 6 7 8 9 10

ANSWER :↓

A

B

C

D

QUESTION :→ 11 12 13 14 15 16 17 18 19 20

ANSWER :↓

A

B

C

D

QUESTION :→ 21 22 23 24 25 26 27 28 29 30

ANSWER :↓

A

B

C

D

**TOTAL MARKS :-**

15  
20 *SP*

**ROLL NO. (In Words)**

\_\_\_\_\_

QUESTION BOOKLET VERSION :


\_\_\_\_\_

This is to certify that the entries of Roll No., Question Booklet Version, Question Booklet Sr. No. & Subject have been verified.

*Saundhal*  
CANDIDATE SIGNATURE

*Lojale*  
INVIGILATOR'S SIGNATURE

Date: 14/3/2019

USE BLUE BALL POINT PEN ONLY.... 

**INSTRUCTIONS**

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- FILL ONLY ONE BLOCK FOR EACH QUESTION AS SHOWN BELOW.

Wrong  Correct

- FILL ONLY BLOCK PROVIDED. DO NOT MAKE ANY STRAY MARKS ON THE ANSWER SHEET.
- ROUGH WORK MUST NOT BE DONE ON THIS ANSWER SHEET.
- USE FREE SPACE IN THE QUESTION BOOKLET PROVIDED.

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**Adgaon, Nashik**

**DR. VASANTRAO PAWAR MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, NASHIK.**

**MCQ ANSWER SHEET**

Name of Candidate : ABHIJAY GADKAR  
 Name of Examination : MID COURSE  
 Class : \_\_\_\_\_ Semester : \_\_\_\_\_  
 Subject : MICRO Paper : \_\_\_\_\_  
 Date : 14/3/2019 Version No. : \_\_\_\_\_

**ROLL NO.**

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QUESTION :-> 1 2 3 4 5 6 7 8 9 10

ANSWER :->

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QUESTION :-> 11 12 13 14 15 16 17 18 19 20

ANSWER :->

A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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QUESTION :-> 21 22 23 24 25 26 27 28 29 30

ANSWER :->

A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TOTAL MARKS :-

$\frac{10}{20}$  98

**ROLL NO. (In Words)**

\_\_\_\_\_

QUESTION BOOKLET VERSION :


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This is to certify that the entries of Roll No., Question Booklet Version, Question Booklet Sr. No. & Subject have been verified.

*Gadkar*  
CANDIDATE SIGNATURE

*Kopale*  
INVIGILATOR'S SIGNATURE

Date : / /

USE BLUE BALL POINT PEN ONLY... 

**INSTRUCTIONS**

- FILL THE BLOCKS  USING BLUE BALLPOINT PEN ONLY.
- FILL ONLY ONE BLOCK FOR EACH QUESTION AS SHOWN BELOW.

Wrong	Correct
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<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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- FILL ONLY BLOCK PROVIDED. DO NOT MAKE ANY STRAY MARKS ON THE ANSWER SHEET.
- ROUGH WORK MUST NOT BE DONE ON THIS ANSWER SHEET.
- USE FREE SPACE IN THE QUESTION BOOKLET PROVIDED.

*PPat*  
**Professor & Head**  
**Dept. Of Microbiology**  
**Dr. Vasant Rao Pawar Medical**  
**College Hospital & RC**  
**Adgaon, Nashik - 3**

**VASANTRAO PAWAR MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, NASHIK.**

**MCQ ANSWER SHEET**

Name of Candidate : Vaibhav Chavde  
 Name of Examination : Mid Course Exam  
 Class : \_\_\_\_\_ Semester : \_\_\_\_\_  
 Subject : Microbiology Paper : \_\_\_\_\_  
 Date : 5/3/2019 Version No. : \_\_\_\_\_

**ROLL NO.**

0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

QUESTION :→ 1 2 3 4 5 6 7 8 9 10

ANSWER :↓

A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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QUESTION :→ 11 12 13 14 15 16 17 18 19 20

ANSWER :↓

A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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D	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

QUESTION :→ 21 22 23 24 25 26 27 28 29 30

ANSWER :↓

A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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TOTAL MARKS :-

13/20

**ROLL NO. (In Words)**

\_\_\_\_\_

QUESTION BOOKLET VERSION :


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This is to certify that the entries of Roll No., Question Booklet Version, Question Booklet Sr. No. & Subject have been verified.

Vaibhav Chavde  
CANDIDATE SIGNATURE

Joseph  
INVIGILATOR'S SIGNATURE

Date : 5/3/2019

USE BLUE BALL POINT PEN ONLY.... 

- INSTRUCTIONS**
- FILL THE BLOCKS  USING BLUE BALLPOINT PEN ONLY.
  - FILL ONLY ONE BLOCK FOR EACH QUESTION AS SHOWN BELOW.
- |       |         |
|-------|---------|
| Wrong | Correct |
|-------|---------|
- |                                     |                                     |                          |                          |
|-------------------------------------|-------------------------------------|--------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|-------------------------------------|-------------------------------------|--------------------------|--------------------------|
- FILL ONLY BLOCK PROVIDED. DO NOT MAKE ANY STRAY MARKS ON THE ANSWER SHEET.
  - ROUGH WORK MUST NOT BE DONE ON THIS ANSWER SHEET.
  - USE FREE SPACE IN THE QUESTION BOOKLET PROVIDED.

Dr. P. P. Patil  
Professor & Head  
Dept. Of Microbiology  
Dr. Vasant Rao Pawar Medical  
College Hospital & RC  
Nashik - 3

**DR. VASANTRAO PAWAR MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, NASHIK.**

**MCQ ANSWER SHEET**

Name of Candidate : Vineek. Patankule  
 Name of Examination : Mid Course  
 Class : \_\_\_\_\_ Semester : \_\_\_\_\_  
 Subject : Micro Paper : \_\_\_\_\_  
 Date : 5/3/2019 Version No. : \_\_\_\_\_

**ROLL NO.**

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QUESTION :→ 1 2 3 4 5 6 7 8 9 10

ANSWER :↓

A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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**ROLL NO. (In Words)**

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QUESTION BOOKLET VERSION :

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QUESTION :→ 11 12 13 14 15 16 17 18 19 20

ANSWER :↓

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This is to certify that the entries of Roll No., Question Booklet Version, Question Booklet Sr. No. & Subject have been verified.

Vineek  
CANDIDATE SIGNATURE


[Signature]  
INVIGILATOR'S SIGNATURE

Date: 5 3 2019

QUESTION :→ 21 22 23 24 25 26 27 28 29 30

ANSWER :↓

A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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USE BLUE BALL  
POINT PEN ONLY... 

TOTAL MARKS :-

12/20

**INSTRUCTIONS**

- FILL THE BLOCKS  USING BLUE BALLPOINT PEN ONLY.
- FILL ONLY ONE BLOCK FOR EACH QUESTION AS SHOWN BELOW.

Wrong	Correct
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- FILL ONLY BLOCK PROVIDED. DO NOT MAKE ANY STRAY MARKS ON THE ANSWER SHEET.
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[Signature]  
**Professor & Head**  
**Dept. Of Microbiology**  
**Dr. Vasant Rao Pawar Medical**  
**College Hospital & RC**  
**Adgaon, Nashik -3**

**VASANTRAO PAWAR MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, NASHIK.**  
**MCQ ANSWER SHEET**

Name of Candidate : Katkade Swati  
 Name of Examination : Mid Course Exam  
 Class : \_\_\_\_\_ Semester : \_\_\_\_\_  
 Subject : Microbiology Paper : \_\_\_\_\_  
 Date : 5/3/2019 Version No. : \_\_\_\_\_

**ROLL NO.**

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9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

QUESTION :-> 1 2 3 4 5 6 7 8 9 10

ANSWER :->

A	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
D	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

QUESTION :-> 11 12 13 14 15 16 17 18 19 20

ANSWER :->

A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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QUESTION :-> 21 22 23 24 25 26 27 28 29 30

ANSWER :->

A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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D	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TOTAL MARKS :-

12  
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20

**ROLL NO. (In Words)**

\_\_\_\_\_

QUESTION BOOKLET VERSION :


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This is to certify that the entries of Roll No., Question Booklet Version, Question Booklet Sr. No. & Subject have been verified.

Swati  
CANDIDATE SIGNATURE

Prakash  
INVIGILATOR'S SIGNATURE

Date : 5/3/2019

**USE BLUE BALL POINT PEN ONLY...** 

**INSTRUCTIONS**

- FILL THE BLOCKS  USING BLUE BALLPOINT PEN ONLY.
- FILL ONLY ONE BLOCK FOR EACH QUESTION AS SHOWN BELOW.

Wrong	Correct
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<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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- FILL ONLY BLOCK PROVIDED. DO NOT MAKE ANY STRAY MARKS ON THE ANSWER SHEET.
- ROUGH WORK MUST NOT BE DONE ON THIS ANSWER SHEET.
- USE FREE SPACE IN THE QUESTION BOOKLET PROVIDED.

Prakash  
**Professor & Head**  
**Dept. Of Microbiology**  
**Dr. Vasant Rao Pawar Medical**  
**College Hospital & RC**  
**Adgaon, Nashik -3**

**VASANTRAO PAWAR MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, NASHIK.**

**MCQ ANSWER SHEET**

Name of Candidate : Vaibhav Chavalle  
 Name of Examination : Mid Course Exam  
 Class : \_\_\_\_\_ Semester : \_\_\_\_\_  
 Subject : Microbiology Paper : \_\_\_\_\_  
 Date : 17/3/2019 Version No. : \_\_\_\_\_

**ROLL NO.**

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9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

QUESTION :-> 1 2 3 4 5 6 7 8 9 10

ANSWER : ↓

A

B

C

D

**ROLL NO. (In Words)**

\_\_\_\_\_

QUESTION BOOKLET VERSION :

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QUESTION :-> 11 12 13 14 15 16 17 18 19 20

ANSWER : ↓

A

B

C

D

This is to certify that the entries of Roll No., Question Booklet Version, Question Booklet Sr. No. & Subject have been verified.

Vaibhav Chavalle  
CANDIDATE SIGNATURE

Deepak  
INVIGILATOR'S SIGNATURE

Date : 17/3/2019

QUESTION :-> 21 22 23 24 25 26 27 28 29 30


ANSWER : ↓

A

B

C

D

USE BLUE BALL POINT PEN ONLY.... 

TOTAL MARKS :-

13  
20

**INSTRUCTIONS**

- FILL THE BLOCKS  USING BLUE BALLPOINT PEN ONLY.
- FILL ONLY ONE BLOCK FOR EACH QUESTION AS SHOWN BELOW.

Wrong	Correct
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- FILL ONLY BLOCK PROVIDED. DO NOT MAKE ANY STRAY MARKS ON THE ANSWER SHEET.
- ROUGH WORK MUST NOT BE DONE ON THIS ANSWER SHEET.
- USE FREE SPACE IN THE QUESTION BOOKLET PROVIDED.

Dr. P. P. Patil  
**Professor & Head**  
**Dept. Of Microbiology**  
**Dr. Vasant Rao Pawar Medical**  
**College Hospital & RC**  
**Adgaon, Nashik - 3**

**VASANTRAO PAWAR MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, NASHIK.**  
**MCQ ANSWER SHEET**

Name of Candidate : Umesh Hanikule  
 Name of Examination : Mid Course Exam  
 Class : \_\_\_\_\_ Semester : \_\_\_\_\_  
 Subject : Microbiology Paper : \_\_\_\_\_  
 Date : 19/3/2019 Version No. : \_\_\_\_\_

**ROLL NO.**

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QUESTION :→ 1 2 3 4 5 6 7 8 9 10

ANSWER :↓

A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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QUESTION :→ 11 12 13 14 15 16 17 18 19 20

ANSWER :↓

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C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

QUESTION :→ 21 22 23 24 25 26 27 28 29 30

ANSWER :↓

A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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TOTAL MARKS :-

11  
20

**ROLL NO. (In Words)**

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QUESTION BOOKLET VERSION :

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This is to certify that the entries of Roll No., Question Booklet Version, Question Booklet Sr. No. & Subject have been verified.

Umesh CANDIDATE SIGNATURE  
Sanjay INVIGILATOR'S SIGNATURE

Date : 19/3/2019

**USE BLUE BALL POINT PEN ONLY...** 

- INSTRUCTIONS**
- FILL THE BLOCKS  USING BLUE BALLPOINT PEN ONLY.
  - FILL ONLY ONE BLOCK FOR EACH QUESTION AS SHOWN BELOW.
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- FILL ONLY BLOCK PROVIDED. DO NOT MAKE ANY STRAY MARKS ON THE ANSWER SHEET.
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PPat  
**Professor & Head**  
**Dept. Of Microbiology**  
**Dr. Vasant Rao Pawar Medical**  
**College Hospital & RC**  
**Adgaon, Nashik -3**



**VASANTRAO PAWAR MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTRE, NASHIK.**  
**MCQ ANSWER SHEET**

Name of Candidate : KRANTI MUNDE  
 Name of Examination : MID COURSE  
 Class : \_\_\_\_\_ Semester : \_\_\_\_\_  
 Subject : MICRO. Paper : \_\_\_\_\_  
 Date : 19/3/19. Version No. : \_\_\_\_\_

**ROLL NO.**

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QUESTION :-> 1 2 3 4 5 6 7 8 9 10

ANSWER : ↓

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QUESTION :-> 11 12 13 14 15 16 17 18 19 20

ANSWER : ↓

A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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QUESTION :-> 21 22 23 24 25 26 27 28 29 30

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D	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**TOTAL MARKS :-**

12  
20

**ROLL NO. (In Words)**

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QUESTION BOOKLET VERSION :

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Kranti  
CANDIDATE  
SIGNATURE

[Signature]  
INVIGILATOR'S  
SIGNATURE

Date : 19/3/19

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[Signature]  
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**Dept. Of Microbiology**  
**Dr. Vasant Rao Pawar Medical**  
**College Hospital & RC**  
**Adgaon, Nashik -3**

**DR VASANTRAO PAWAR MEDICAL COLLEGE, HOSPITAL & RC, NASHIK**  
**Department of Microbiology**

**MID Course Improvement Programme**

<b>Student</b>	<b>05/03/2019 Test-1</b>	<b>14/03/2019 Test-2</b>	<b>19/03/2019 Test-3</b>
Katkade Swati Shriniwas	P	A	A
Raundal Mohanish Sahebrao	A	P	A
Changade Vaibhav Janardhan	P	A	P
Vasave Vikram Navsa	A	A	A
Gadkari Abhijay Hitendra	A	P	A
Manikkule Vivek Ramesh Rao	P	A	P
Mirza Azhar Baig Kader Baig	A	A	A
Siddiqui Md Zaidullah Md Fasihullah	A	P	A
Mundhe Karanti Balaji	A	A	P
<del>Katkade Swati Shriniwas</del>	<del>P</del>	<del>A</del>	<del>A</del>

Name & Signature of Coordinator -

*Coopali G*

*MPatil*  
**Professor & Head**  
**Dept. Of Microbiology**  
**Dr. Vasant Rao Pawar Medical**  
**College Hospital & RC**  
**Adgaon, Nashik -3**