

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

B.Sc. Allied Health Sciences

First Year Semester – II (CBCS Scheme)

September – 2018 Examination

Time: 2.30 Hrs.

[Max. Marks: 80]

MICROBIOLOGY

Q.P Code : BAHS202CC

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Define Hypersensitivity. Describe the mechanism, clinical features and clinical importance of anaphylaxis.
2. Map the lesions caused by HIV in humans. Describe mode of transmission, clinical manifestation and sample collection in this disease.

SHORT ESSAY (Answer any Six)

6 X 5 = 30 Marks

3. Draw a neat labeled diagram of Bacteria. Enumerate the common antibiotics and their target sites.
4. Describe autoclave, principle and articles to be sterilized.
5. Describe the biomedical waste management and blood spill management.
6. Describe clinical features, mode of transmission and sample collection of Hepatitis B Virus.
7. Describe clinical features, mode of transmission and sample collection in cryptococcal infection.
8. Describe hand hygiene technique? The steps and clinical importance.
9. Describe clinical features, mode of transmission and sample collection on Malaria.
10. Describe the universal precautions to be followed at the workplace.

SHORT ANSWERS (Answer any Ten)

10 X 3 = 30 Marks

11. Name three bacterial vaccines.
12. Define nosocomial infection with examples.
13. Draw a neat labeled diagram of structure of human immunodeficiency virus (HIV).
14. Enumerate three important properties of an antigen.
15. Enumerate three disinfectants used in hospitals.
16. Name three bacteria causing respiratory infections.
17. Name three opportunistic fungal infections.
18. Describe three lesions caused by treponema pallidum.
19. Enumerate three infectious agents spread by blood transfusion.
20. Draw a neat labeled diagram of hot air oven.
21. Name three Arbo virus infections in India.
22. Enumerate three physical methods of sterilization.

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PATHOLOGY

Q.P Code : BAHS203CC

*Your answers should be specific to the questions asked.
Draw neat labelled diagrams wherever necessary.*

LONG ESSAY

2 X 10 = 20 Marks

1. Define neoplasia. Enumerate the differences between benign and malignant tumors.
2. Define anemia. Discuss etiology and lab findings in a case of iron deficiency anemia.

SHORT ESSAY (Answer any Six)

6X 5 = 30 Marks

3. Discuss the various types of cellular adaptations with examples.
4. Myocardial infarction.
5. Etiopathogenesis and lab investigations for pulmonary tuberculosis.
6. ESR.
7. What is FNAC. List the advantages and stains used in cytology.
8. Gall stones.
9. Collection and physical examination of urine.
10. Steps in tissue processing.

SHORT ANSWERS (Answer any Ten)

10 X 3 = 30 Marks

11. List the cardinal signs of inflammation.
12. List the risk factors for thrombosis.
13. Enumerate the types of shock.
14. Give 3 examples for chronic inflammation.
15. Landsteiner's law.
16. List 3 causes for eosinophilia.
17. Role of CSF in meningitis.
18. Name 3 causes for lung cancer.
19. Prothrombin time (PT).
20. Types of vacutainers used for blood collection.
21. Benedict's test.
22. Urine microscopic findings in case of urinary tract infection (UTI).

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**B.Sc. Allied Health Sciences
First Year Semester-II (CBCS Scheme)**

September 2018 Examination

Time : 2 Hrs.

[Max. Marks: 50]

ENGLISH FOR COMMUNICATION

Q.P Code: BAHS201FC

Your answers should be specific to the questions asked.

I. This main contains ten (10) objective type questions. Each question carries one mark. All questions are compulsory. **10 X 1 = 10 Marks**

1. **A written request for job is called.....**
a) inquiry b) employment letter c) order letter d) complaint
2. **Summary of personal, educational and professional life is called.....**
a) CV b) reference c) compliments d) regards
3. **Application for the job in response to advertisement is called.....**
a) solicited / Ref b) unsolicited c) valid d) due
4. **CV is also called.....**
a) resume b) store c) service d) letter
5. **Through job application we sell our.....**
a) services b) goods c) things d) products
6. **Communication is non stop.....**
a) paper b) process c) programme d) plan
7. **Communication is a part of.....Skills.**
a) soft b) hard c) rough d) short
8. **The.....is the person who transmits the message**
a) receiver b) driver c) sender d) cleaner
9. **.....is the person who notices and decodes and attaches some meaning to a message.**
a) receiver b) driver c) sender d) cleaner
10. **Message is any signal that triggers the response of**
a) receiver b) driver c) sender d) cleaner

II. Answer any one of the following.

1 X 10 = 10 Marks

1. What is a letter? Explain the types of letters.
2. Write a letter of application in response to the following advertisement.

Wanted

“R.L. Jalappa hospital Invites applications from the qualified candidates for the post of Lab technician. Appeared in “ The Hindu” dated 31st August 2018. Apply within 30days to the Secretary R.L. Jalappa Hospital, Kolar”

P.T.O

III. Answer any three of the following questions.

3 X 5 = 15 Marks

1. What are the indefinite articles? Explain.
2. What is dairy writing? Give an example.
3. Write the role of communications in medical field.
4. Write the steps of presentation skills.
5. What is note taking? Explain types of it.

IV. Rewrite as directed

6 X 1 = 6 Marks

1. Technological advancement is both a boon and a _____ (ban/bane) in the modern era. (Fill in the blank choosing the appropriate word from the bracket)
2. Construction of major monuments require acute _____ (supervise)
(Complete the sentence with the correct form of the verb given in the bracket)
3. Will / is / there / where/ way / there is
(Rearrange the segments to form a meaningful sentence)
4. Arathi had completed her assignment. (Add a question tag)
5. Nayana N swamy waited for the confirmation all day.
(Change into a question beginning with the right form of 'do')
6. Dr. Dayananda sir is a honest man.
(Frame a question so as to get the underlined word as answer.)

V. Complete the dialogue:

4 X 1 = 4 Marks

1. Vani: Hello Jyothi! When did you arrive?
Jyothi: _____
2. Vani: If you are not too busy, please join us for a small celebration.
Jyothi: _____
3. Vani: Actually I just got a promotion at work.
Jyothi: _____
4. Vani: Thank you so much. May be you can give me some advice for my new position.
Jyothi: _____

VI. Match the expression under column A to its corresponding language function under B.

5 X 1 = 5 Marks

A	B
Expression	Functions
1. The pipes have not been fixed yet.	a. Complimenting
2. Appu, meet my friend Ammu.	b. Expressing gratitude
3. What a wonderful article you have written	c. Requesting
4. I am grateful to you for your support.	d. Introducing
5. Could you possible make some arrangements?	e. Complaining

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**B.Sc. Allied Health Sciences
First Year Semester-II (CBCS Scheme)**

October– 2018 Examination

Time : 2 Hrs.

[Max. Marks: 60]

ENVIRONMENTAL SCIENCE

Q.P Code : BAHS201AE

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Define disaster? Classify disasters with examples? Describe briefly on the measures to be taken during floods.
2. Classify various types of Environmental pollution. Describe the causes, effects and control measures for noise pollution?

SHORT ESSAY

5 X 5 = 25 Marks

3. What are food chains and food webs? Give examples and discuss their significance.
4. Adverse effects and control of water pollution.
5. What are the major causes and consequence of deforestation?
6. What is global warming? Enumerate the causes and its effects and suggest necessary to prevent Global warming.
7. What is soil erosion? Discuss the measures for checking soil erosion.

SHORT ANSWERS

5 X 3 = 15 Marks

8. What are the effects of Population Explosion?
9. Enumerate the causes for Ozone layer depletion.
10. Write a short note on Minamata disease.
11. Enumerate the atmospheric pollutants causing air pollution?
12. Enumerate different acts to protect environment?

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