

**GOVERNMENT OF KARNATAKA  
(BOARD OF EXAMINING AUTHORITY)  
D Pharm. Part- I Examinations (ER-91), January, 2019  
HEALTH EDUCATION AND COMMUNITY PHARMACY**

Time : 3 Hours

Max Marks: 80

Note: Answer any **TEN** questions from **Section A** and **THREE** questions from **Section B** Question No 14 is compulsory.

**SECTION - A**

4 x 10=40

1. Classify bacteria with examples.
2. What are the causes of blindness? Explain its preventive measures.
3. Explain the disinfection of sputum and instruments
4. Write a note on IUCD.
5. Give the sources, functions and deficiency symptoms of Vitamin D.
6. Explain physical health.
7. Name any four insects and diseases transmitted by them.
8. Classify food based on Nutritive value.
9. Discuss first aid treatment for Snake bite.
10. Write causative organism for the following diseases.  
a) Cholera b) Typhoid c) Syphilis d) Leprosy.
11. What are the uses of epidemiology?
12. Define Noise. What are its ill effects?
13. Give the sources, functions and deficiency diseases of Vit-E.

**SECTION - B**

14. a) Describe the causes, Signs and symptoms, prevention and control of AIDS.  
b) Write a note on mode of transmission of diseases. (9+5 =14)
- OR**
- a) Describe isolation of Bacteria.  
b) Write about Balanced diet. (9+5 =14)
15. a) Explain national immunization schedule.  
b) Explain Gram's staining. (6+7 =13)
16. a) Enumerate the factors affecting fertility.  
b) Give the causative agent, signs and symptoms, prevention and control of malaria. (6+7 =13)
17. a) Write note on Marasmus and Kwashiorkor.  
b) Describe vasectomy and Tubectomy. (5+8 =13)

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D3601217

**GOVERNMENT OF KARNATAKA  
(BOARD OF EXAMINING AUTHORITY)**

D.PHARM., PART-I EXAMINATIONS(ER-91), DECEMBER-2017

**Health Education and Community Pharmacy**

TIME-3Hrs

Max. Marks-80

**Note:** - Answer any **TEN** questions from **Section-A** and **THREE** from **Section-B** including

Question No. 14, which is compulsory

**SECTION-A**

**4 X 10 =40**

1. Explain the procedure resuscitation.
2. Classify disease causing agents.
3. What are micro and macro minerals? Mention their functions.
4. Give risk factors and complications of hypertension.
5. Explain various types of disinfectants.
6. Define and explain mental health.
7. What are the principles of first aid?
8. Differentiate kwashiorkor and marasmus.
9. What is cancer? Give its etiology.
10. Give the causative organisms for a) syphilis b) leprosy c) tetanus d) AIDS.
11. What are the adverse effects of noise?
12. Differentiate active and passive immunity.
13. What are the causes of high birth rate?

**SECTION- B**

14. a) Discuss rapid sand filtration method with its advantages and disadvantages.  
b) Explain chemical methods of purification of water in small scale. **8+6**
- Or
- a) Give the causative organism, mode of transmission, signs, symptoms, control and prevention of typhoid.  
b) Give the causative organism, mode of transmission, signs, symptoms, control and prevention of Malaria. **7+7**
15. a) Classify various methods of family planning.  
b) Explain oral contraceptives with their advantages and disadvantages  
c) Discuss mechanical contraceptive methods. **3+5+5**
16. a) Explain various types of fractures. Give its symptoms and treatment.  
b) Give the principles of disease prevention and control. **6+7**
17. a) Explain the structure of bacteria with a neat labelled diagram.  
b) Enumerate various isolation methods of microorganisms. **6+7**

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D3600120

GOVERNMENT OF KARNATAKA  
(BOARD OF EXAMINING AUTHORITY)

D. Pharm. Part – I Examinations (ER-91), January-2020

HEALTH EDUCATION AND COMMUNITY PHARMACY

Time: 3Hours

Max. Marks: 80

Note: Answer any TEN questions from Section – A and THREE from Section – B including Question No. 14, which is compulsory

SECTION – A

4 x 10 = 40

1. Define health and explain various dimensions of health.
2. Write the causative organism for the following diseases:-  
a) Whooping Cough b) tetanus c) Diphtheria d) Plague
3. Define Demography and explain demographic cycle
4. Give the causative agent, mode of spread and symptoms Syphilis.
5. Classify food based on nutritive value and give the advantages of roughage in food
6. Explain the construction and working of Septic tank
7. What are the advantages of chlorination of water and write the mechanism of action of chlorine.
8. What are the sources of air pollution? Write about the effects of air pollution.
9. Explain the life cycle of malarial parasite.
10. Discuss the symptoms and complications of diabetes mellitus.
11. Define the terms a) Antigen b) Antibody c) Immunity d) Vaccine
12. Explain slow sand filtration.
13. Define disinfectants and give their classification.

SECTION – B

14. A. a) Explain the causative factors, prevention, control and complications of Hypertension.  
b) Discuss the concept of prevention of diseases (8+6)  
OR  
B. a) Discuss on population problems of India  
b) Discuss the advantages and disadvantages of mechanical and hormonal contraceptive methods. (6+8)
15. a) What is first aid? Discuss first aid of poisoning.  
b) Explain the emergency treatment of shock and burns. (5+8)
16. a) Give the classification of bacteria.  
b) Discuss the various isolation methods and explain acid fast staining of microorganisms. (4+5+4)
17. a) Discuss the sources, daily requirements, functions and deficiency disorders of Vitamin A and Calcium.  
b) What is Malnutrition? Differentiate Kwashiorkor and Marasmus. (8+5)

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**GOVERNMENT OF KARNATAKA**  
**(BOARD OF EXAMINING AUTHORITY)**  
**D. PHARM. PART – I EXAMINATIONS (ER-91), MAY 2017**  
**HEALTH EDUCATION AND COMMUNITY PHARMACY**

Time: 3Hours

Max. Marks: 80

Note: Answer any **TEN** questions from **Section – A** and **THREE** questions from **Section – B**  
 Including Question No. 14, which is compulsory

**SECTION – A****4X10=40**

1. Write the causative organism for the following diseases  
 a) Whooping cough b) Malaria c) Chicken pox d) Plague
2. What is ORS? Give its composition.
3. Define microbiology. Classify bacteria according to the shape.
4. What is disease? Classify disease causing agents with examples.
5. Explain the prevention and control measures for blindness.
6. Define demography and explain demographic cycle.
7. Name the various diseases spread by house fly and mosquito.
8. Explain the effect of poverty on health.
9. Define balanced diet. Give its composition.
10. Explain the procedure for gram staining technique.
11. Explain chlorination of water.
12. Give the causative organism and mode of transmission of Diphtheria. Add a note on DPT vaccine.
13. Write a note on roughage.

**SECTION – B**

14. a) What are indicators of health? Explain different indicators of health.  
 b) What are the sources of refuse? Describe the methods of disposal of refuse. (7+7)
- OR**
- a) Write the causative organism, mode of transmission and prevention of typhoid and tuberculosis.
  - b) Write a note on immunization schedule. (8+6)
  15. a) Explain water purification by rapid sand filtration method.  
 b) Define first aid. Discuss emergency treatment for snake bite (7+6)
  16. a) Describe Life cycle of malarial parasite.  
 b) Give the advantages and disadvantages of oral contraceptive pills. (8+5)
  17. a) Explain mode of transmission and control measures for hospital acquired infections.  
 b) Name different cardiovascular diseases. Write the causes, prevention and control measures for coronary heart disease. (6+7)

D3600518

GOVERNMENT OF KARNATAKA  
(BOARD OF EXAMINING AUTHORITY)  
D.PHARM., PART-I EXAMINATIONS (ER-91), MAY-2018  
HEALTH EDUCATION AND COMMUNITY PHARMACY

TIME-3Hrs

Max. Marks-80

Note: - Answer any TEN questions from Section-A and THREE from Section-B including Question No. 14, which is compulsory.

SECTION-A

4 X 10 =40

1. What are disease causing agents? Classify with examples.
2. Name any two diseases transmitted by rodents and how they are controlled.
3. Briefly explain the procedure followed in minor surgery and dressing.
4. What is tetanus? How to prevent?
5. Explain the method of purification of water by chlorination.
6. Explain cardiopulmonary resuscitation.
7. Give the causative organism a) Filariasis b) Cholera c) Whooping cough d) Chicken pox.
8. Classify disinfectants. Explain the disinfection procedure for surgical instruments.
9. Name the female chemical contraceptives and explain its action.
10. Explain first aid treatment for burns.
11. Define nutrition. Classify food on the basis of requirements.
12. Discuss the first treatment given for heart attack.
13. Write a note on septic tank.

SECTION -B

14. a) What are vaccines? Explain the different types of vaccines with examples.  
b) Describe the source, functions and deficiency of vitamin C and B12. 7+7
- OR**
- a) What is family planning? Outline its objectives.  
b) Explain vasectomy, tubectomy and laparoscopy. What are the advantages of laparoscopy? 4+3+3+4
15. Define microbiology. Classify bacteria with examples. Explain the different methods of isolation of bacteria. 13
16. a) Give the causes and measures for prevention and control of blindness.  
b) Write the causes of cancer. Explain the various measures for prevention and control of cancer. 6+7
17. a) Define and classify vitamins with examples. Explain deficiency disease of vitamin B1  
b) Discuss causative agents, mode of transmission, prevention, treatment, incubation period, signs and symptoms of poliomyelitis. 6+7

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GOVERNMENT OF KARNATAKA  
BOARD OF EXAMINING AUTHORITY

D. Pharm. Part – I Examinations (ER-91), December – 2015  
HEALTH EDUCATION AND COMMUNITY PHARMACY

Time : 3 Hrs

Max. Marks: 80

Note: Answer any **TEN** questions from **Section – A** and **THREE** from **Section – B** including Question No. 14, which is compulsory.

**SECTION – A**

**4 X 10 = 40**

01. List out four intestinal infections and their causative organisms.
02. Mention sources of noise. What are its adverse effects?
03. How solid waste is disposed?
04. What is tetanus? How to prevent it?
05. Classify fungi.
06. Write a note on food poisoning.
07. Define proteins. List their functions. Name the types of amino acids.
08. Write the sources, functional deficiency disorders and daily requirement of calcium.
09. Name any four respiratory infections & their causative organism.
10. Define family planning. Enumerate different methods of family planning.
11. Write the methods for obtaining pure culture.
12. Write a short note on night blindness.
13. Write a note on slow sand filters.

**SECTION – B**

14. Write the causative organisms, mode of transmission, clinical symptoms, preventive measures of AIDS. **14**

**OR**

- a) What are communicable diseases? Give examples.
- b) Discuss about the transmission of air borne diseases.
- c) Write the causative agent, mode of transmission and prevention of cholera.

**3+4+7 = 14**

15. Define disinfection. What are the types of disinfection? Explain disinfection procedures for sputum, room, faeces and urine disposal. **13**

16. a) What are minerals? Classify them examples

- b) Describe the sources, functions and deficiency disorders of iron and vitamin E

**5+8 = 13**

17. What are the signs and symptoms of shock and stroke. Give the first aid treatment for the same. **6+7 = 13**

D3601216

GOVERNMENT OF KARNATAKA  
(BOARD OF EXAMINING AUTHORITY)

D. Pharm. Part – I Examinations (ER-91), December -2016

HEALTH EDUCATION AND COMMUNITY PHARMACY

Time: 3Hours

Max. Marks: 80

Note: Answer any **TEN** questions from **Section – A** and **THREE** from **Section – B** including Question No. 14, which is compulsory

SECTION – A

4X10=40

1. Write the causative organism for the following diseases  
a) Whooping cough b) Malaria c) Chicken pox d) Plague
2. What is ORS? Give its composition.
3. Define microbiology. Classify bacteria according to the shape.
4. What is disease? Classify disease causing agents with examples.
5. Explain the prevention and control measures for blindness.
6. Define demography and explain demographic cycle.
7. Name the various diseases spread by house fly and mosquito.
8. Explain the effect of poverty on health.
9. Define balanced diet. Give its composition.
10. Explain the procedure for gram staining technique.
11. Explain chlorination of water.
12. Give the causative organism and mode of transmission of Diphtheria. Add a note on DPT vaccine.
13. Write a note on roughage

SECTION – B

14. a) What are indicators of health? Explain different indicators of health.  
b) What are the sources of refuse? Describe the methods of disposal of refuse. 7+7
- OR
- a) Write the causative organism, mode of transmission and prevention of typhoid and tuberculosis.  
b) Write a note on immunization schedule. 8+6
15. a) Explain water purification by rapid sand filtration method.  
b) Define first aid. Discuss emergency treatment for snake bite 7+6
16. a) Describe Life cycle of malarial parasite.  
b) Give the advantages and disadvantages of oral contraceptive pills. 8+5
17. a) Explain mode of transmission and control measures for hospital acquired infections.  
b) Name different cardiovascular diseases. Write the causes, prevention and control measures for coronary heart disease. 6+7

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**GOVERNMENT OF KARNATAKA  
(BOARD OF EXAMINING AUTHORITY)**

D. Pharm. Part – I Examinations (ER-91), April -2016

**HEALTH EDUCATION AND COMMUNITY PHARMACY**

Time: 3Hours

Max. Marks: 80

Note: Answer any TEN questions from Section – A and THREE from Section – B including Question No. 14, which is compulsory.

**SECTION – A**

**4X10=40**

1. Define health. Describe mental health.
2. What is meant by balanced diet? Give its composition.
3. Classify disease causing agents with examples.
4. Discuss the causes of high birth rate.
5. Give the sources and functions of proteins.
6. What are the advantages and disadvantages of laparoscopic method of contraception?
7. Mention the sources of water and causes of water pollution.
8. Write the causative organism, mode of spread, signs and symptoms of tuberculosis.
9. Discuss the sources, functions, daily requirement and deficiency disorder of Calcium.
10. Explain the stages of demographic cycle.
11. List out the risk factors of cardiovascular diseases.
12. Name the causative organism for a) Tetanus b) Leprosy c) Syphilis d) Plague.
13. Define a) Incubation period b) Fomitis c) Antigen d) Vaccine.

**SECTION – B**

14. a) What are the causes of air pollution? Describe the prevention and control measures of air pollution.
- b) Discuss on solid waste disposal. (8+6)

**OR**

Describe the morphology of bacteria and explain different methods of isolation of bacteria. (5+9)

15. a) Define first aid. What are the objectives and principles of first aid?
- b) Classify fractures. Explain the first aid treatment of fractures. (7+6)
16. a) Describe malarial cycle. Mention preventive and control measures of malaria.
- b) Discuss the causes, prevention and control measures of blindness (8+5)
17. a) Write the disinfection procedure for faeces, sputum and room.
- b) Give the details of national immunization schedule (6+7)

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