

# Question Paper

Exam Date & Time: 04-Jul-2023 (10:00 AM - 01:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

Social and Preventive Pharmacy [PPR-BP802T -S3]

Marks: 75

Duration: 180 mins.

### I Multiple Choice Questions (MCQs)

Answer all the questions.

Section Duration: 30 mins

- 1) Ticagrelor is an anticoagulant that act on (1)
- [P2Y12 adenosine diphosphate receptor](#)
  - [P4 adenosine triphosphate receptor](#)
  - [P6Y12 adenosine diphosphate receptor](#)
  - [P6 adenosine triphosphate receptor](#)
- 2) Vitamin D helps in the absorption of which of the following elements? (1)
- [Iodine and Calcium](#)
  - [Iron and Iodine](#)
  - [Calcium and Iron](#)
  - [Calcium and Magnesium](#)
- 3) Which among the drug regimen is NOT important when prescribing a drug (1)
- [Brand name](#)
  - [Generic name](#)
  - [Dose](#)
  - [Duration](#)
- 4) Icterus is mostly noted in a patient during the following condition (1)
- [Asthma](#)
  - [Stroke](#)
  - [Urinary tract infection](#)
  - [Jaundice](#)
- 5) Which is the first line choice in treating a newly diagnosed rheumatoid arthritis patient (1)
- [Methotrexate](#)
  - [Tofacitinib](#)
  - [Infliximab](#)
  - [Azathioprine](#)
- 6) Which of the following is caused by deficiency of Thiamine? (1)
- [Stomatitis](#)
  - [Osteomalacia](#)
  - [Beri-Beri](#)

[Pellagra](#)

7) What is term used for the recommended diet in a hypertensive patient ? (1)

[Dietary Approaches to Stop Hypertension](#)

[Dietary Aim of Stopping Hypertension](#)

[Diet for stopping Hypertension](#)

[Limited Consumption Approach](#)

8) Which among the following drugs are the FIRST choice of parenteral therapy in most patients when the HbA1c is above 10 %? (1)

[GLP-1](#)

[analogue](#)

[DPP-4 inhibitor](#)

[Insulin](#)

[Sulphonylureas](#)

9) State the reason for endothelial damage that further lead to atherosclerosis (1)

[Hypertension](#)

[Dehydration](#)

[Aspirin](#)

[Clopidogrel](#)

10) Which of the following diseases is caused by protein deficiency? (1)

[Anaemia](#)

[Kwashiorkor](#)

[Hypothyroidism](#)

[All of the above](#)

11) Febrile seizure is usually seen among (1)

[Children](#)

[Adult](#)

[Elders](#)

12) Which among the following is a microcytic anaemia (1)

[Thalassemia](#)

[Pernicious anaemia](#)

[Haemolytic anaemia](#)

[Folic acid deficiency](#)

[anaemia](#)

13) What is the expansion of 'O' in a SOAP note concerning medical case report ? (1)

[Objective evidence](#)

[Optional evidence](#)

[On-time evidence](#)

[Oral evidence](#)

14) What is normal range of total cholesterol in a human being ? (1)

[100-140 mg/dl](#)

[140-200 mg/dl](#)

[200- 300](#)

[mg/dl](#)

[>300 mg/dl](#)

- 15) The average amount of haemoglobin concentration in human red blood cells is (1)
- [MCV](#)  
[MCH](#)  
[MCHC](#)  
[RDW](#)
- 16) Omalizumab is an alternative agent indicated for asthma which belongs to the class of (1)
- [Anti-IgA antibody](#)  
[Anti-IgM antibody](#)  
[Anti-IgG antibody](#)  
[Anti-IgE antibody](#)
- 17) In the school, the teacher delivers elemental iron and folic acid to the students (1)
- [Daily](#)  
[Weekly](#)  
[Once a month](#)  
[Twice monthly](#)
- 18) Which among the following plasmodium infection is more fatal than the others (1)
- [P. Falciparum](#)  
[P. Ovale](#)  
[P. Malaria](#)  
[P. Vivax](#)
- 19) The activities concerning the National Urban Mission for the slums are carried by (1)
- [Mahila Arogya Karyakarm](#)  
[Mahila Arogya Samiti](#)  
[Mahila Arogya Shristi](#)  
[Mahila Arogya Kovilam](#)
- 20) The development of repeated infections with the same initial organism and usually indicate a persistent infectious source is called (1)
- [Relapse](#)  
[Re-infection](#)  
[Remission](#)  
[Re-activation](#)

## II Long Answers

Answer all the questions.

- 1) Enumerate the risk factors for hypertension and explain the approaches recommended by WHO in the prevention of hypertension. (10)
- 2) Mention the importance of nutrition and health in social and health education. Explain the role of macro and micronutrients in human nutrition (10)

## III Short Answers

Answer all the questions.

- 1) Enumerate the causes for cancer and explain the primary prevention approach of cancer control. (5)
- 2) Classify HIV infection and mention its stages. How can we treat an HIV infected patient? (5)
- 3) What are the criteria required to prescribe an antibiotic in urinary tract infection (UTI). List the signs (5)

and symptoms of UTI

- 4) Explain in detail the national policy for children put forward by the central government of India. (5)
- 5) Define the objectives of integrated child development scheme. Describe their activities/services offered to children (5)
- 6) Draw a medical case report form by enclosing all its essential components. (5)
- 7) Discuss on the Revised National Tuberculosis Control Programme (RNTCP) recommendations for tuberculosis. (5)

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