

PARUL UNIVERSITY
FACULTY OF PHARMACY
D. Pharm April-2019 Examination

Year: 2

Subject Code: 08600206

Subject Name: Hospital and Clinical Pharmacy

Date: 26/04/2019

Time: 10:00am To 01:00pm

Total Marks: 80

Instructions:

1. Figures to the right indicate maximum marks.
2. Make suitable assumptions wherever necessary.

Q.1 Multiple Choice Questions (MCQs) (1 Mark Each)**(20)**

1. Who forms the family welfare constitution
 - a Central government
 - b. District government
 - c State government
 - d. Both A & B
2. Full form of EOQ is
 - a Efficient order Quality
 - b. Economic order Quality
 - c Efficient outing Quality
 - d. Economic outing Quality
3. Which packaging material can be easily moulded on heating
 - a Glass
 - b. Steel
 - c Plastic
 - d. Borosilicate
4. Which of the following is used as absorbent
 - a Muslin
 - b. Elastic bandage
 - c Surgical cotton
 - d .Gauze bandage
5. Normal heart rate in foetus is about
 - a 140 -150/min
 - b.100-120/min
 - c 70-80 /min
 - d.120-130/min
6. What is the Colour index if Hb% is 85% and RBC% is 100%
 - a 85
 - b.0.085
 - c 0.85
 - d.850
7. Which is an antihypertensive drug
 - a Penicillin
 - b. Isoniazide
 - c Ciprofloxacin
 - d. Atenelol
8. Which is a method for preparation of emulsion
 - a Wet granulation
 - b. Dry granulation
 - c Dry gum method
 - d. Compression
9. Relate the term to arthritis
 - a Breathing difficulty
 - b. Loss of appetite
 - c Inflammation of joint
 - d. Dilatation of pupil
10. Insulin is used in treatment of
 - a Diabetes mellitus
 - b. Hypertension
 - c Tuberculosis
 - d. Cancer
11. Drugs which increase excretion of salt and water in urine
 - a Purgatives
 - b. Laxatives
 - c Emetics
 - d. Diuretics
12. Tuberculosis is caused by
 - a M. Tuberculae
 - b. H.Pylori
 - c Salmonella typhi
 - d. E.coli
13. Method of family planning
 - a Vasectomy
 - b. Endoscopy
 - c DBS
 - d. Lithotripsy

14. Type of immunoglobulin
 - a Ig P
 - c IgA
 - b. IgB
 - d. IgS
15. Indicator of air pollution is
 - a Sulphur dioxide
 - c Smoke
 - b. Berrylium
 - d. Smog
16. Which disease is not spread by rats
 - a Plague
 - c Tularemia
 - b. Leptospirosis
 - d. Typhoid
17. Which is not a fat soluble vitamin
 - a Vitamin C
 - c Vitamin A
 - b. Vitamin D
 - d. Vitamin K
18. Causative organism of Whooping cough
 - a Myxovirus
 - c Bordetella pertusis
 - b. Para Myxovirus
 - d. Varicella zoster
19. Inflammation of liver is
 - a Gastritis
 - c Sarcoma
 - b. Carcinoma
 - d. Hepatitis
20. 120/80mmHg blood pressure is
 - a High
 - c low
 - b. Normal
 - d. None of the above

Q.2 Long Answers (any 8 out of 10) (05 Mark Each)

(40)

1. Define hospital pharmacy. Write its scope & Organizational structure
2. Write Objectives, Composition, functions of Pharmacy and Therapeutics committee.
3. Define hospital formulary .Write procedure for development and use of hospital formulary
4. Discuss Procedures of Drug Purchases – Drug selection, short term, long term and tender process
5. Discuss about distribution of Narcotic and Psychotropic substances
6. Define Pharrmacovigilance Write its aim and scope.
7. Write a note on Good Pharmacy Practice (GPP) in hospital.
8. Discuss Storage, dispensing and disposal of radiopharmaceuticals
9. Define Clinical Pharmacy. Write its scope and development.
10. Explain Automated drug dispensing systems and devices

Q.3 Short Answers (2 Mark Each){ Answer any 10}

(20)

1. Give names of Tests associated with cardiac disorders
2. Importance of Drug Information Centre.
3. Define Drugs and Poison
4. What is Patient counseling
5. Discuss how to review Treatment Chart
6. Write advantages and disadvantages of Individual prescription Order Method
7. Discuss briefly Pulmonary Function Tests
8. Write the types of Medication errors
9. Define Drug Interactions. Write its types
10. Explain Drug Basket Method of drug distribution
11. Write about Renal function tests
12. Brief about Qualification and experience requirements in hospital pharmacy.