

KATHMANDU UNIVERSITY
End Semester Examination
March/April, 2022

Mark scored:

Level : B.Pharm.

Year : IV

Course : PHAR 417

Semester : II

Exam Roll No. :

Time: 30 mins.

F. M. : 20

Registration No.:

Date :

SECTION "A"

[20Q × 1 = 20 marks]

Encircle the most correct option.

- Which of the following medicines can be used as emergency contraceptive pill?
a. Levonorgestrel b. Ethinylloestradiol c. Mifepristone d. a and c
- Symptoms suggestive of middle ear infection is/are;
a. Pain, discharge & deafness b. Itch, pain & discharge
c. Deafness, dizziness & tinnitus d. Itch only
- Causative organism of fifth disease is:
a. Adenovirus b. Parvovirus B19 c. Rotavirus d. Norwalk like virus
- Which of the following is associated with left lower quadrant pain?
a. Irritable bowel syndrome b. Constipation
c. Dyspepsia d. Hemorrhoid
- Which of the following is used to treat dysuria in patient suffering from cystitis?
a. Potassium citrate b. Suphameothazole
c. Azithromycin d. Hyoscine butylbromide
- Which of the following drug can lead to drug abuse?
a. Meclozine b. Cinnarizine c. Cyclozine d. Hyoscine
- All are true for Choline salicylate except
a. Effective oral analgesics b. Given to adult & children greater than 1 yrs
c. Have a quicker action d. None of the above
- Pilocarpine eye drop;
a. is used to treat primary open angle glaucoma
b. is used to treat primary angle closure glaucoma
c. decreases the production of aqueous humor
d. increases uveoscleral outflow of aqueous humor
- Which statement(s) about head lice treatment is/are true?
a. Phenothrin should applied on wet hair
b. Alcoholic lotions are suitable for all patients
c. Shampoos are not as effective as lotions
d. All of the above

10. Mebendazole can be given to patient from what age?
a. 1 years b. 2 years c. 4 years d. 5 years
11. All of the following statements about indigestion are true except:
a. It is poorly localized upper abdominal discomfort.
b. Any persistent alteration in normal bowel habit is not an indication for referral
c. Complain of indigestion for first time in patients older than 45 years needs a referral.
d. Pain aggravated by food and poorly localized also needs a referral.
12. Which of the following is a soothing agent?
a. Dimeticone b. Lanolin c. Zinc d. Castor oil
13. In which of the following conditions of athlete's foot, referral is required?
a. Peeling of skin between toes
b. Involvement of toenails
c. Maceration of skin between the toes
d. Itching of affected area
14. Patient suffering with sore throat should be referred to the doctor if sore throat fails to improve within;
a. one week b. two weeks c. one month d. two months
15. Which is a mild corticosteroid among the following?
a. Hydrocortisone 1% b. Clobetasol propionate 0.05%
c. Betamethasone dipropionate 0.05% d. Triamcinolone acetonide 0.1%
16. Which of the following immunoglobulins gets raised in atopic conditions?
a. IgG b. IgE c. IgM d. IgA
17. Which of the following types of psoriasis needs immediate referral?
a. Guttate b. Inverse c. Plaque type d. Erythrodermic
18. Which of the following side effects can appear after using nicotines over a large body surface area?
a. Local irritation b. Dizziness c. Dryness d. Skin peeling
19. Concomitant use of pseudoephedrine with which of the following is contraindicated?
a. Ranitidine b. Paracetamol c. Phenelzine d. Diphenhydramine
20. Which of the following is not used to reduce the level of *Malassezia furfur* on the scalp?
a. Ketoconazole b. Selenium sulphide
c. Coal tar d. Tacrolimus

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Time : 2 hrs. 30 mins.

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SECTION "B"

[5Q. × 3 = 15 marks]

Answer *ANY FIVE* questions.

1. Describe the different pathways involved in onset of nausea & vomiting & mention the different receptors involved.
2. Mention the etiology, symptoms & management of the ear wax.
3. Write down the non pharmacological measures that need to be advised for a patient suffering from vaginal thrush.
4. Write down the clinical features and referral conditions of the oral thrush.
5. What counseling will you provide to a patient with a prescription of permethrin for scabies treatment?
6. Give a short note on phototherapy used in treatment of psoriasis.
7. How can you differentiate allergic rhinitis from common cold? What do you need to know before helping a patient with allergic rhinitis?

SECTION "C"

[5 Q. × 5 = 25 marks]

Answer *ANY FIVE* questions.

8. Define constipation. Give its detail management. How this can be managed in children, elderly & pregnant women?
9. Differentiate bacterial, viral & allergic conjunctivitis. How are these treated?
10. Write down the signs & symptoms of the measles. How can it be differentiated from the roseola infantum? Mention the referral conditions for children having rashes. How these rashes can be managed by a pharmacist?
11. Discuss the timing & nature of pain associated with dysmenorrhea. Elaborate the premenstrual syndrome. How is dysmenorrhea managed?
12. Mention pathogenesis of acne vulgaris. What information will you collect before helping a patient suffering with acne? Discuss on the use of keratolytic agents in acne management.

13. Discuss on various topical agents used in management of eczema. Mention the criteria for referring a patient with this skin condition.
14. How will you respond to the patient presenting with cough? Write in detail.

SECTION "D"

[2Q. × 7.5 = 15 marks]

Attempt *ANY TWO* questions.

15. Discuss significances of questions & answers when dealing with a patient complaining of hemorrhoid. Mention the condition for referral. Give a treatment approach for this disease.
16. What is heart burn? Elaborate on its contributing factors. Discuss the signs & symptoms & associated symptoms of heart burn. Give a pharmaceutical care approach of management.
17. Differentiate different types of headaches based on the clinical presentations. Discuss on the role of a pharmacist while responding to patients complaining of headache.