

KATHMANDU UNIVERSITY
End Semester Examination
June/July 2024

Marks Scored:

Level : B.Pharm.

Year : IV

Exam Roll No. :

Time: 30 mins.

Course : PHAR 431

Semester : II

F. M. : 20

Registration No.:

Date

: 04 july- 024

SECTION "A"

[20Q. × 1 = 20 marks]

Choose and encircle the most appropriate option from each set of choices.

- Select the appropriate hierarchy of food pyramid for Nepalese people.
 - (Cereal, root and tubers), (fruits and vegetables), (livestock products), (fats, oils and sweets), (pulses and legumes)
 - (Cereal, root and tubers), (pulses and legumes), (fats, oils and sweets), (fruits and vegetables), (livestock products)
 - (Cereal, root and tubers), (pulses and legumes), (fruits and vegetables), (livestock products), (fats, oils and sweets)
 - (Cereal, root and tubers), (livestock products), (pulses and legumes), (fats, oils and sweets), (fruits and vegetables)
- Events and circumstances that are perceived as threatening or harmful, and which produce feelings of tension is called _____
 - Stress
 - Stressor
 - Distress
 - Eustress
- Which statement below on sociology is not **TRUE**?
 - Sociology's subject matter is diverse, ranging from crime to religion.
 - It is also related to divisions of race and social class to the shared beliefs of a common culture, and from social stability to radical change in whole societies.
 - Its purpose of understanding how human action and consciousness both shape and are shaped by surrounding cultural and social structures.
 - None of the above.
- Which of the following statements health centers doesn't fall under health academia and federal level hospital?
 - National Academy of Health Sciences (NAMS)
 - B.P. Koirala Institute of Health Sciences (BPKIHS)
 - Kanti Children's Hospital
 - Dhulikhel Community Hospital
- The full form of (NHEICC) Events and circumstances that are perceived as threatening or harmful, and which produce feelings of tension is called _____
 - National Higher Education, Intake and Control Center
 - National Higher Education, Intellectual and Contemporary Center
 - National Health Education, Information and Communication Center
 - National Health Education, Internationalization and Comprehension Center

6. Which statement below on the role of personality in illness is **INCORRECT**?
- People with High level of anxiety, depression and anger/hostility traits is more disease prone
 - A competitive achievement orientation is related to Type A behaviour.
 - Type A individuals respond more quickly and strongly to stress, often seeing stressors as threats to their personal control.
 - none of the above.
7. Which statements on entrepreneurial orientation (EO) and resource adequacy is **INCORRECT**?
- Aspects of EO that affect the ability to change include proactiveness, risk taking, autonomy, and work ethic.
 - EO refers to the processes, practices, and decision-making styles of organizations that act entrepreneurially.
 - Resource adequacy principle lays down the optimal capacity mix required to meet the projected demand at minimum cost.
 - None of the above.
8. Which statements on Interprofessional collaborative relationship-building model is **INCORRECT**?
- It describes the processes used by primary care providers to develop their interprofessional relationships.
 - It has four stages.
 - Co-location refers to availability of primary care providers in different physical location.
 - None of the above.
9. Which statement on PRECEDE-PROCEED model is **INCORRECT**?
- It was developed by Green in 1980 for health education planning.
 - There are altogether nine steps.
 - Process, impact and outcome evaluation are the components of PRECEDE part.
 - The PRECEDE model distinguishes five steps in the planning of health education strategies.
10. Which statement on disease and illness is right?
- A person may have a disease and not be ill.
 - A person might be ill and not have a disease.
 - Disease is professionally defined.
 - Illness has only social connotations.
11. Although all vaccines are heat-sensitive, some are far more sensitive than others are. Pick the one correctly arranged in order of decreasing sensitivity to heat.
- Live oral polio vaccine (OPV), Measles (Lyophilized) , Pertussis and Mumps (Lyophilized) , Hepatitis B
 - Measles (Lyophilized) , Live oral polio vaccine (OPV), Pertussis and Mumps (Lyophilized) , Hepatitis B
 - Measles (Lyophilized) , Pertussis and Mumps (Lyophilized) , Live oral polio vaccine (OPV), Hepatitis B
 - Hepatitis B, Measles (Lyophilized) , Pertussis and Mumps (Lyophilized) , Live oral polio vaccine (OPV)
12. Which dimension doesn't come under RE-AIM framework?
- Effectiveness
 - reach
 - Intervention
 - Maintenance

13. Which of the following statements on pharmacoepidemiology is right?
- It is the study of interactions between drug companies and human populations, investigating, in real conditions of life, benefits, risks and use of drugs.
 - It applies to drugs and their pharmacological evaluations, the different methods also used in epidemiology to assess in real conditions of life, benefits, risks and use of drugs.
 - Pharmacoepidemiologic studies are ad-hoc studies or studies on databases.
 - Pharmacoepidemiology concerns the drug prescription in phase IV, i.e. after drug approval, far from the experimental limitations of clinical trials.
14. The provision for testing for sample of drug is mentioned in _____ of drug act 2035.
- Section 22
 - Section 23
 - Section 24
 - Section 25
15. The bodies which advise Government of Nepal on the basic principles and administrative matters relating to drugs is _____
- Drug Advisory Committee
 - Drug Consultative Council
 - Nepal Pharmacy Council
 - Nepal Health Research Council
16. As per Pharmacy Council Act, Pharmacy Profession is defined as business of **EXCEPT** _____
- Quality Control of drugs
 - Production of drugs
 - Community Pharmacy
 - Hospital Pharmacy
17. The term for patent after the renewal under section 23B is _____
- 15
 - 18
 - 21
 - 24
18. As per Narcotic Drugs Control Act 2033, "Drug Control Officer" means the officer appointed or designated by government of Nepal pursuant to _____
- Section 20
 - Section 21
 - Section 22
 - Section 24
19. The name registration certificate provided by Nepal Pharmacy Council after the name registration of the pharmacist/pharmacy assistant is as per _____ NPC regulation 2059.
- Schedule 5
 - Schedule 6
 - Schedule 7
 - Schedule 8
20. National Drug Policy emphasizes on which of the following
- Quality, Safety and Availability
 - Quality, Safety and Affordability
 - Quality, Safety and Efficacy
 - Quality, Safety, Availability, Affordability and Efficacy

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04 July - 2024

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Semester : II
F. M. : 55

SECTION "B"
[5 Q. × 3 = 15 marks]

Attempt *ANY FIVE* questions.

1. List down the national health programs of Nepal. Which program is best implemented?
2. How can we best apply epidemiology in Pharmacy sector?
3. Draw a schematic model of socio-behavioral aspect of treatment with medicine.
4. Define bio-medical disease model and List down the determinants and models of health.
5. List the prohibited acts under narcotic drugs control act 2033.
6. Write about the formation of council.
7. Briefly explain the "Application for acquiring right over patent".

SECTION "C"
[5 Q. × 5 = 25 marks]

Attempt *ANY FIVE* questions.

8. "The role of today's pharmacist needs to be expanded to include pharmaceutical care concepts, making the pharmacist a health care professional rather than a drug seller in a commercial." Consider this statement and discuss along the process of change to accomplish it and also discuss the importance of interprofessional collaboration to acquire that change.
9. Briefly describe the benefits of balanced diet in healthy living. What are the dietary recommendations in the management of diabetes and hypertension?
10. How can we assess the cold chain status of a vaccine or insulin along the pathway from manufacture to the end user i. e patient? List down the different classes of models for health promotion. List down the health programs of Nepal.
11. How can we conduct pharmaco-economic analysis of a health intervention? Which is the best method that can be employed?
12. Why Pharmacy profession requires Social Pharmacy? Produce a schematic diagram of the socio-behavioural aspects of health and illness.
13. Describe briefly the historical development of pharmacy profession in Nepal.
14. Write down powers of Inspector to make inquiry and inspection per Drug Act 2035.

P.T.O.

SECTION "D"
[2 Q. × 7.5 = 15 marks]

Attempt *ANY TWO* questions.

15. List down the leading health indicators. How are they best used? Explain the significance of positive and negative indicators.
16. Comment on the healthcare delivery system of Nepal in terms of its execution and sustainability.
17. Enumerate briefly objectives, strategies and achievement of National Drug Policy 1995.