



TECHNICAL UNIVERSITY OF MOMBASA

FACULTY OF APPLIED AND HEALTH SCIENCES

DEPARTMENT OF MEDICAL SCIENCES

UNIVERSITY EXAMINATION FOR:

DIPLOMA IN PHARMACEUTICAL TECHNOLOGY

APM 2309 : SOCIAL ADMINISTRATIVE PHARMACY V

END OF SEMESTER EXAMINATION

SERIES:AUGUST2019

TIME:2 HOURS

DATE:Pick Date Aug2019

Instructions to Candidates

You should have the following for this examination

-Answer Booklet, examination pass and student ID

This paper consists of **THREE**Section(s). Attempt All questions in section A and B and any two questions in section C.

Circle the correct answer in section A.

1. An individual's health related behaviors depend on the perception of four critical areas. They include all the following EXCEPT: -

- a) Perceived susceptibility to illness.
- b) Perceived potential severity of illness.
- c) Perceived benefits of taking preventive action.
- d) Perceived barriers to inaction.

2. All the following are types of health education EXCEPT: -

- a) Primary health education.
- b) Secondary health education.
- c) Quaternary health education.
- d) Tertiary health education.

3. The individual approach to health education includes

- a) Lectures

- b) Group or panel discussion
- c) Workshop seminars
- d) Counselling

11. The industrial property act Cap 509 can be described as

- a. An act of parliament to make provisions with respect to the control of the possession of license for trafficking in drugs made in the industry
- b. An act of parliament to make provision for industrial property
- c. An act of parliament to provide for the promotion of inventive and innovative activities to facilitate acquisition of technology thru the grant and regulation of patents, utility models, techno-vations and industrial designs
- d. An act of parliament to prohibit trade and manufacture of counterfeit goods

12. Law is a set of rules that are usually enforced. This means

- a. It is applicable to everyone
- b. It is not biased
- c. Members of society must be compelled to obey it
- d. Individuals have the freedom to do what they want

13. All the following are necessary to ensure that the pharmaceutical technologist remains competent at work EXCEPT

- a. Continuous medical education
- b. Continuos professional development
- c. Reading journals
- d. Consistent raising of salaries

14. Risk management in clinical governance involves

- a. Not taking any risks at all costs
- b. Minimizing risks as part of any quality assurance programme
- c. Preventing risk ventures
- d. Avoiding risky activities that may affect quality of health care

15. In reference to Cap 244, a medicinal substance may mean all the following EXCEPT

- a. Any medicine for treating or preventing disease
- b. Any medicine for diagnosing a disease
- c. Any substance interfering with the physiological function of the body
- d. Any product of plants used to cure diseases

16. Opium that has undergone the processes necessary to adopt it for medicinal use is

- a. Poppy straw
- b. Opium poppy
- c. Medicinal opium
- d. Opium

17. Any substance in the third schedule is

- a. Opium
- b. Prohibited plant
- c. Psychotropic substance
- d. Trafficked plant

18. Any substance specified in the second schedule or anything that contains any substance specified in that schedule is

- a. Psychotropic substance
- b. Prohibited plant
- c. Trafficked plant
- d. Medicinal substance

19. The convention on psychotropic substances adopted by the United Nations conference at Vienna in February 1971 is the

- a. County convention
- b. National convention
- c. Universal convention
- d. International convention

20. The substance that belongs to the second schedule is

- a. Cocaine
- b. Pethidine
- c. Psilocybine
- d. Thebaine

21. For maximum benefit to the organisation, managers need to factor in external environmental forces which are

- a. Personal, political
- b. Regulatory, personal
- c. Technological, interpersonal
- d. Globalisation, societal

22. Henry Fayol's classical definitions of "functions" has now been modified to

- a. Plan – organise- lead- control
- b. Interpersonal- Informational- Decisional
- c. Technical- Human- Conceptual
- d. Plan- organise- control- lead- decisional

23. Main approach to health education includes

- a. Newspaper
- b. Counselling
- c. Clinic consultation
- d. On site visit

24. Inputs or resources managers deal with are all the following EXCEPT

- a. Man
- b. Materials
- c. Money
- d. Machines

25. The ability to influence a group towards achievement of goals is

- a. Leadership
- b. Motivation
- c. Communication
- d. Control

26. The willingness to exert high level of effort towards goals is

- a. Leadership
- b. Motivation
- c. Communication
- d. Control

27. The transference and understanding of meaning is

- a. Leadership
- b. Motivation
- c. Communication
- d. Control

28. All the following apply to the interpersonal roles of a manager EXCEPT

- a. Figurehead
- b. Leader
- c. Liaison
- d. Spokesperson

29. All the following apply to the decisional roles of a manager EXCEPT

- a. Entrepreneur
- b. Figurehead
- c. Trouble-shooter
- d. Negotiator

30. The PPB board shall meet

- a. 3 times a year
- b. 4 times a year
- c. When it deems necessary
- d. 2 times a year

31. The registrar of the board is the

- a. Director of medical services
- b. Chief pharmacist
- c. Director of veterinary services
- d. Pharmacist

32. All the following are corrections that can be applied in the register EXCEPT

- a. Delete from register name of registered pharmacist
- b. Delete from register name of registered pharmacist he deems necessary
- c. Delete from register any entry the board directs him to delete
- d. Make from time to time any necessary alteration in the register, deletions, insertions etc

33. The board may issue an import license authorizing the importation of any drug or Part I poison to all the following persons EXCEPT

- a. An authorized seller of poisons
- b. A person requiring to import poisons for wholesale purposes
- c. A person requiring to import poisons for industrial purposes
- d. The government or local authority and its institutions for public purposes

34. A system through which all of the organizations in the health system are accountable for continuously improving the quality of their clinical services is

- a. Clinical audit
- b. Clinical governance
- c. Clinical risk management
- d. Monitoring and evaluation

35. Components of clinical governance includes all the following EXCEPT

- a. Clear national standards
- b. Mechanisms for ensuring local delivery
- c. Mechanism for monitoring the delivery
- d. Clear executional standards

36. An examination or review that assesses and reports on the extent to which a condition, process or performance matches the predetermined standards is

- a. Clinical standards

- b. Evidence based medicine
- c. Clinical audit
- d. Clinical monitoring and evaluation

37. Development of a culture that encourages lifelong learning is

- a. Continuous professional development
- b. Evidence based learning
- c. Job plan
- d. Individual performance

38. For clinical governance to be successful, all the following must be in place

- a. A program of quality improvement activities
- b. Procedures to identify and remedy poor performance
- c. A program of quantity improvement activities
- d. Clear policies aimed at managing risk

39. Choice of drugs to be essential depends on many factors that include all the following EXCEPT

- a. Patterns of prevalent diseases
- b. Treatment facilities
- c. Financial resources
- d. Personnel unavailability

40. GLP is an regulation.

- a. F.D.A
- b. P.P.B
- c. P.S.K
- d. K.E.M.R.I

SECTION B 40MARKS: ANSWER ALL QUESTIONS

41. Outline any four functions of management (4 marks)
42. Highlight on any four advantages of planning in an organization (4marks)
43. State any four advantages of group-decision making (4marks)
44. Differentiate between Part I and Part II poisons (4marks)
45. Upon seizure of Narcotic drugs and psychotropic substances, list the factors that are recorded (4marks)
46. Define the following terms related to clinical governance:
 - a) monitoring and evaluation and (2marks)
 - b) risk management (2marks)
47. Outline the functions of money (4marks)
48. State any four methods that a manager can use to motivate employees in an organization (4marks)
49. Define the essential medicines and their concepts (4marks)
50. List at least 4 drugs that can't be imported/ manufactured without the written consent of the DMS (4marks)

SECTION C 40 MARKS: ANSWER ANY TWO QUESTIONS

51. a) Discuss the functions of the PPB (10 marks)
 - b) define the following terms as per the narcotic drugs and psychotropic substances
 - i) psychotropic substances
 - ii) registered pharmacist
 - iii) trafficking
 - iv) premises
 - v) medicinal opium (10marks)
52. a. Discuss the functions of the Registrar of the Board (10marks)
 - b. What are the roles of a pharmacy technician in a community pharmacy? (10marks)
53. a) Discuss the organization of health care services in Kenya (12 marks)
 - b) Outline the various steps involved in the commodity management cycle (8 marks)