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**CHRISTIAN SERVICE UNIVERSITY COLLEGE  
KUMASI, GHANA**



**FACULTY OF HEALTH & APPLIED SCIENCE**

**DEPARTMENT OF PHYSICIAN ASSISTANTSHIP STUDIES**

**BSC. PHYSICIAN ASSISTANTSHIP STUDIES (MEDICAL)**

**END OF FIRST SEMESTER – 2018/19 ACADEMIC YEAR EXAMINATIONS**

**LEVEL 200**

**PACS 215: HISTORY MEDICINE 1**

**OBJECTIVES**

**MAY, 2019**

**50 Marks**

**Time Allowed: 45 mins**

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**GENERAL INSTRUCTION TO CANDIDATES:**

- Write your Index Number and Date, and sign on the space provided on top of each page of the Question Paper.
- Answer **ALL** the following questions
- Selected the most appropriate answer in each of the following questions.

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1. In Ghana, the training of Physician Assistants can be traced back to the.....
  - a. Mid-1960s
  - b. Late-1960s
  - c. Mid-1970s
  - d. Late-1970
  - e. Mid-1950
  
2. Why was it difficult to determine whether treatment administered by the ancient medicine men were successful or not?
  - a. Data was only available in recent years
  - b. Modern scientific study cannot answer this question
  - c. Possibly most were through body healing itself or placebo effect.
  - d. Ritual were not powerful enough to remove the causes of the illness
  - e. Most of the medicines were administered by none medicine men.
  
3. In 1928, what did Alexander Fleming discover?
  - a. Insulin
  - b. Penicillin
  - c. Digitalis
  - d. Tuberculosis
  - e. Chloramphenicol.
  
4. What were the sources of medical information of ancient Egyptians?
  - a. Medical books
  - b. Medical scrolls
  - c. Medical papyri
  - d. Medical embalming
  - e. Medical paprus
  
5. The practice of..... the ancient Egyptians provided information about their diseases and their distribution and type.
  - a. Magic spell
  - b. Dosages types
  - c. Sorceries
  - d. Embalming
  - e. Body casting
  
6. The Physicians knowledge on human anatomy was not extensive because.....
  - a. Body dissection was a taboo
  - b. The physicians were not interested in learning anatomy
  - c. The physicians were not involve in the body preservation practices
  - d. There were not enough teachers to teach them
  - e. Not much information was known about the physicians at the time.

7. The ancient Chinese believed diseases were caused by.....
  - a. Germs
  - b. Rivers and air
  - c. Demons or gods
  - d. Sin of the person
  - e. Bad food and water
  
8. Which of the following statements is not true?
  - a. Ignorance of knowledge is not a crime, but negligence is.
  - b. Medical ethics is the study of moral values and judgments as they apply to medicine, encompassing history, philosophy, theology, and sociology.
  - c. Bioethics is the study of controversial ethics brought about by advances in biology and medicine.
  - d. A rigid distinction between religion and philosophy does not exist.
  - e. None of the above
  
9. In the naturalistic explanation of illness, the Yin and Yang were...
  - a. Interact to control the functioning of the human body
  - b. Yin was masculine and Yang, a feminine
  - c. Human health does not depend on the balance between Yin and Yang.
  - d. Yin is associated with dry, hot, creative, bright, as with fire.
  - e. Yang is soft, cold, moist, receptive, dark as with water
  
10. Which of the following about ancient Chinese medicine is correct?
  - a. Their knowledge on human anatomy was unlimited
  - b. There was no strict prohibition of the dissection of human body
  - c. Their belief there was six 'firms' organs in the body.
  - d. They recognized the bladder, gall bladder, colon, small intestine, stomach as hollow organs
  - e. The source of the sperms was the testis.
  
11. Sphygmology was introduced by
  - a. The Chinese doctors
  - b. The Roman doctors
  - c. The Greek doctors
  - d. Egyptian doctors
  - e. Arabic doctors
  
12. Which of the following about ancient Chinese Acupuncture medical practice is not correct?
  - a. Aimed at restoring balance between Yin and Yung
  - b. Appear effective for pain relief
  - c. Needles left in the body for 5-15 minutes
  - d. Insertion of needle can be done at any time irrespective of t the weather and phases of the moon.
  - e. Acupuncture appears effective for pain relief.



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13. Which of the following statements is not true?
- The roots, prefixes and suffixes are often derived from Greek or Latin
  - The roots, prefixes and suffixes are often derived from English or Latin
  - A lot of medical language is anatomical terminology
  - Medical terminologies concerned with the names of various parts of the body
  - Pain terminologies end with – *algia*
14. Which of the following about the ancient Indians medical practice is not correct
- They belief illness are caused by the gods or demons
  - They belief illness are as a result of punishment for bad behaviour
  - They belief illness are as results on imbalance between elements in the body
  - There was strict prohibition on human dissection
  - They were the first to guess the connection between malaria and mosquitoes.
15. According to the Greek medicine, the human body contains 4 fluids or humors namely ...
- Phlegm, Yellow bile, Black bile, and blood
  - Phlegm, Green bile, water and blood
  - Phlegm, Yellow bile, black bile and water
  - Phlegm, Black bile, Yellow bile and air
  - Phlegm, Green bile, blood and semen.
16. .... is regarded as the father of medicine
- Hippocrates
  - Aristotle
  - Archimedes
  - Galen
  - Asclepius
17. Present knowledge of Greek medicine mainly comes from the writings of .....and  
..... in the second century.
- Hippocrates and Galen
  - Galen and Aristotle
  - Apollo and Hippocrates
  - Hippocrates and
  - Galen and Apollo
18. “Patients sleeping at his shrines would see the God in their dreams and receive advice on appropriate treatments” was a popular means on treatment and belief in the .....
- Romans medicine
  - Greeks medicine
  - Egyptian medicine
  - Arabian medicine
  - Indian medicine

**Match the medical terminologies with their equivalent meanings in question 30 to 34 .**

- a) **Heamatology**
- b) **Neonatal**
- c) **Neurology**
- d) **Pediatrics**
- e) **Urology**

- 19. Related to problems with the bladder and kidneys
- 20. Medical assistance of infants
- 21. Related to the disorders of the brain, spinal cord, or general nervous system
- 22. Treatment of blood diseases and malignancies.
- 23. Special care for newborn babies with high dependency needs.
  
- 24. The Black Death .....

  - a. Occurred in 11<sup>th</sup> Century
  - b. Originated from China and spread to the other parts of the medieval European
  - c. Killed more than one-third of the European population
  - d. Bleeding and quarantine was employed as remedies.
  - e. Was considered by Medieval Europe as the work of the evil spirit.

  
- 25. The “doctrine of signatures” idea in the Renaissance period assumed that

  - a. Plants have no healing capabilities
  - b. Plants capable of healing visibly show their healing qualities
  - c. The shape of plants has no relationship to the type of the disease it cures
  - d. Plants that can cure diseases do not have healing qualities.
  - e. Only Plants with juice/ fluids do not cure diseases.

  
- 26. Vaccination was first practice by .....

  - a. Edward Jenner
  - b. William Harvey
  - c. Marcello Malpighi.
  - d. Raymundus Lullius
  - e. Fleming

  
- 27. ....during the Renaissance era suggested that contagious disease was caused by tiny seeds invading the human body

  - a. Fracastorius
  - b. Paracelsus
  - c. Archimedes
  - d. Aristotle
  - e. Avicenna

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28. The interest in 'alchemy' lead to the discovery of .....
- Germ theory
  - Anaesthetics
  - Microscope
  - Penicillin
  - Humor theory.
29. The first step in the development of modern anaesthetics was the discovery of
- Ether.
  - Penicillin
  - Methane
  - Opium
  - Sulfuric acid
30. The used of Ether in obstetrics provoking considerable opposition from the Calvinist Church in Scotland on the grounds that ,
- The birth through surgery to be non Biblical and that women must suffer when giving birth.
  - Mortality among women who have undergo caesarean section was high
  - The Calvinist Church in Scotland was under the Queen Victoria who herself strongly objected to caesarean section
  - The Christian doctrine at the time found birth through caesarean section unnatural
  - The church found the alternative to ether, chloroform to be better.
31. .... established the Germ Theory of Disease.
- Robert Koch
  - Hippocrates
  - Louis Pasteur
  - Anthony Leeuwenhoek
  - Galen
32. Measures, which ensures that everything that touches the wound such as instruments and the surgeon's hands are free from germs, is referred to as ....
- Aseptic
  - Septic Dressing
  - Debridement of wound
  - Antiseptic
  - Aseptic wound
33. The use of sterilize gowns, masks, caps, and rubber gloves for surgery was introduced in .....
- 20<sup>th</sup> Century
  - 21<sup>st</sup> Century
  - 19<sup>th</sup> Century
  - 18<sup>th</sup> Century
  - 22<sup>nd</sup> Century



34. Penicillin was discovered in 1928 by ....
- Louis Pasteur
  - Alexander Fleming
  - Robert Koch
  - Arnaldo Canteri
  - John Tyndall
35. The first attempts at organ transplant were .....transplants.
- Liver
  - Heart
  - Kidney
  - Testis
  - Uterus
36. The earliest Greek medicine was based on.....
- Religion.
  - Science
  - Magic
  - Spirit and demons
  - Philosophy
37. ....was the first institution to start the training of Physicians Assistants in Ghana.
- Kintampo Training School
  - Kintampo School for Medical Assistants Training
  - Medical Assistant Training School, Korle Bu
  - Rural Health Medical Assistants Training Institute, Kintampo
  - Rural Health Training School, Kintampo.
38. The first title for Physician Assistant was.....
- Medical Assistants
  - Physicians Technologist
  - Health Supervisors
  - Health Superintendents
  - Medical Superintendents
39. Which of the following is not considered a category of Physician Assistants currently in Ghana?
- Medical Physician Assistants
  - Dental Practitioner Physician Assistants
  - Nurse Anesthetists Physician Assistants
  - ENNT Practitioner Physician Assistants
  - None of the above.

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40. In Ghana, one will only be allowed to work as a physician assistant if they have the following qualifications
- If they have completed their study as a Physician Assistant and graduated from a recognized institution.
  - If they hold Bachelor of Science in Physician Assistantship from any University
  - If nurse have practiced under a senior physician for a period not less than 10 years and duly certified by Ghana Medical Council.
  - If after their studies, they have been registered by the Ghana Medical Association.
  - If after their studies, they have been registered by the Ghana Health Service and have obtained financial Clearance.
41. This body that has been tasked to set the standards of medical practitioners in Ghana is..
- Ghana Medical Association
  - Ghana Medical Standards Board
  - Ghana Medical and Dental Council
  - Ministry of Health
  - Ghana Health Service.
42. Which of the following is not a clinical role of Physician Assistant in Ghana?
- Assess and prioritize patients presenting at Health Centers/polyclinics or hospitals, according to their medical need.
  - Initiate and implement care plan for patients.
  - Offer primary care to patients with mental health problems and refer as appropriate
  - Participate in Clinical meetings, Morbidity/mortality meetings and general staff meetings etc
  - Assistant a doctor in major surgical operation at the hospital.
43. The following are the community roles of PA except....
- Participate in the outreach community health activities within the catchment area
  - Facilitate community involvement in health programmes by involving the chiefs, elders and opinion leaders in the said community.
  - Perform relieving duties at Health centers and relevant health facilities when necessary
  - Contribute to maternal and child welfare, family planning programmes and health education talks within the community.
  - Assist in the collection and reporting on data – socio/epidemiological morbidity and mortality.



44. Which of the following is not correct?

- a. Ethics of the medical profession also governs the conduct of the PA profession
- b. The origin of the ethics of the Medical Profession is the Hippocratic oath.
- c. PAs are offered a one year internship program to work under supervision of the professionals after graduation
- d. Once you have completed the physician assistant program in Ghana, you are eligible to be employed by any person or organization in any part of the country.
- e. A trained PA may decide to work under the supervision of a physician or a qualified surgeon in Ghana.

45. The following are part of the Hippocratic oath except....

- a. I will prevent disease whenever I can, for prevention is preferable to cure.
- b. I will remember that I do not treat a fever chart, a cancerous growth, but a sick human being, whose illness may affect the person's family and economic stability
- c. I will not be ashamed to say "I know not," nor will I fail to call in my colleagues when the skills of another are needed for a patient's recovery.
- d. I will respect the privacy of my patients, for their problems are not disclosed to me that the world may know. I will however do so if it is required of me by relatives to do.
- e. I will apply, for the benefit of the sick, all measures, which are required, avoiding those twin traps of overtreatment and therapeutic nihilism.

46. Which of the following about the ancient Indians medical practice is not correct

- a. They belief illness are caused by the gods or demons
- b. They belief illness are as a result of punishment for bad behaviour
- c. They belief illness are as results on imbalance between elements in the body
- d. There was strict prohibition on human dissection
- e. They were the first to guess the connection between malaria and mosquitoes.

47. The values in medical ethics were recognized as four principles namely respect for autonomy, beneficence, non-maleficence and .....

- a. Human right
- b. Justice
- c. Kindness
- d. Legal right
- e. Truth telling

48. .... is the concept that a family member can give consent for treatment if the patient is unable (or unwilling) to give consent he or herself.

- a. Autonomy
- b. Substituted judgment
- c. Client relationship
- d. Consent of Interest
- e. Confidentiality

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49. X-Rays was first discovered in 1895 by

- a. Alexander Fleming
- b. William Harvey
- c. Wilhelm Roentgen
- d. Basil Hirschowitz
- e. Harold Hopkins

50. Traditional medical practice.....

- a. Involves the use of orthodox medicine
- b. Employ the use of stethoscope
- c. The deployment of spiritual healing is prohibited
- d. Medicinal herbal preparations are extensively used
- e. Require license from the Ghana Medical and dental Council

*Examiner: Dr Thomas Agyarko-Poku*