



**CENTRAL
UNIVERSITY**
FAITH • INTEGRITY • EXCELLENCE

SCHOOL OF MEDICINE AND HEALTH SCIENCE

DEPARTMENT OF PHYSICIAN ASSISTANTSHIP

END OF FIRST SEMESTER EXAMINATION

LEVEL 100

PHAS 111: HISTORY OF MEDICINE (2 Credits)

NOVEMBER/DECEMBER, 2019

DURATION: 2 HOURS

STUDENT ID No.....

INSTRUCTIONS

- i. ATTEMPT ALL QUESTIONS**
- ii. ALL QUESTIONS CARRY EQUAL MARKS**
- iii. CIRCLE/WRITE THE CORRECT ANSWER ON THE QUESTION PAPER**

DO NOT TURN OVER THIS PAGE UNTIL YOU HAVE BEEN TOLD TO DO SO

BY THE INVIGILATOR

1. There is clear evidence that Indian medicine had advanced much before Greco-Roman medicine. The evidence is found in which sacred book?
 - a. The Holy Bible
 - b. Koran
 - c. Yin and yang
 - d. Vedas

2. Which of the following African military doctors were the first to work in the Gold Coast?
 - a. Dr. James A. Horton and Dr. W.B. Quartey-Papafio
 - b. Dr. James A Horton and Dr. Broughton Davies
 - c. Dr. Ekum Ferguson and Dr. Carl Reindorf
 - d. Dr. W.B. Quartey-Papafio and Dr. Dede Hesse

3. Which of the following were measures taken to secure European Health in Ghana by the then governments?
 - a. Racial segregation
 - b. Sanitation and segregation
 - c. Hospitals and sanitation
 - d. Sanitation

4. The following governors advocated extended medical services to indigenous Africans in the 1890s
 - a. Governors Griffith and Young
 - b. Governors Griffith and Hill
 - c. Governors Listowell and McCarthy
 - d. Governors Young and McCarthy

5. Which of the following is/are reasons that hampered good public health in the Gold Coast
 - a. Inability of the public to keep toilets clean
 - b. Lack of enough hospitals in Accra
 - c. Unavailability of sanitation workers
 - d. Racial segregation

6. Historians rely on archaeological evidence to know the lifestyle of
 - a. Ancient Egyptian Era
 - b. Greek Era
 - c. Prehistoric Era
 - d. Hebraic Era

7. What does the suffix "itis" mean?
 - a. Disease
 - b. Skin
 - c. Secreting
 - d. Inflammation

8. The questions of how individual people and societies at large, have experienced and responded to unavoidable, unwanted events, diseases and discomforts of the human condition is an academic discipline of
 - a. History
 - b. Medicine
 - c. History and Medicine
 - d. History of Medicine

9. The following doctors were key officials of the Health Expansion Policy and are credited as being foremost advocates for health and sanitation education
 - a. Drs. McCarthy and Quartey-Papafio
 - b. Drs. McCarthy and Easmon
 - c. Drs. Easmon and Reindorf
 - d. Drs. Quartey-Papafio and Reindorf

10. The following were early Ghanaian doctors accepted as Senior Assistant Colonial Surgeons
 - a. Drs. Tagoe, Nanka-Bruce and Hesse
 - b. Drs. Tagoe, Nanka-Bruce and Mensah
 - c. Drs. Quartey-Papafio, Nanka-Bruce and Easmon
 - d. Drs Ababio , Williams and Forson

11. The following is the world's oldest holistic healing system
- Ayurveda
 - Yin and Yan
 - Acupuncture
 - Chiropractic medicine
12. Which new additions did ancient Egyptian medicine bring to science?
- Specialist Doctors and superstition
 - New Herbs and metal instruments for surgery
 - An understanding into what causes diseases
 - An understanding into how the body works
13. This traditional Chinese medical technique is still used in contemporary times
- Yoga
 - Acupuncture
 - Vedas
 - Yin and Yang
14. Egyptians performed mummification because
- They needed mummification to understand anatomy
 - They believed in the afterlife
 - They lived near the river Nile
 - They believed in Channels.
15. When the outer layer of the heart is inflamed it is known as.....
- Myocarditis
 - Pericarditis
 - Endocarditis
 - Cardiology
16. Damage to the heart muscle layer is called
- Cardiomyopathy
 - Cardiomegaly
 - Cardiopathy
 - Cardiology

17. The following were new in the Egyptian era except
- There were doctor -patient consultations
 - New herbs were used as medicine
 - Metal instruments were used for major surgery
 - Doctors looked for logical causes of diseases
18. Which of the following statement is true about the Library of Alexandria
- It was a library in Greece.
 - It was a hospital that attempted to collect medical text books
 - It was a hospital where dissection was allowed
 - It was a library in Rome.
19. Colostomy, a surgical procedure is done to
- make a permanent opening of the colon
 - make a permanent opening of the caecum
 - make a permanent closing of the colon
 - make a permanent closing of the caecum
20. Hysterectomy is the
- Cutting into of the hystoma
 - Removal of the hystoma
 - Removal of the uterus
 - Cutting into the uterus
21. The following are part of complementary and alternative medicine except
- Manipulative and body based methods
 - Energy therapies
 - Regeneration therapies
 - Mind and Body interventions
22. The Code of Laws was written by
- Ebers papyrus
 - Rubies papyrus
 - Hammuna
 - Hammurabi

23. The aim of acupuncture is to
- relieve the body of Pain
 - reduce aches and pains
 - restore a balance of energy and good health to the body.
 - restore proper blood flow
24. _____ uses flower oils and essences for therapeutic purposes
- Chiropractic medicine
 - Acupuncture
 - Craniosacral therapy
 - Aromatherapy
25. This kind of medicine operates by stimulating the body's defense mechanism
- Homeopathy
 - Massage
 - Craniosacral therapy
 - Aromatherapy
26. The body has in itself blood, phlegm, yellow bile, and black bile and we enjoy the most perfect health when these elements are in the right proportion. This describes what
- The channels of the body
 - The humors of the body
 - The tunnels of the body
 - The funnels of the body
27. Which scientist discovered that germs that cause disease live in the air?
- Wilhelm Rontgen
 - Selman Waksman
 - Louis Pasteur
 - Howard Florey
28. Phalanges refer to which part of the body?
- Knees
 - Tongue
 - Nails
 - Toes

29. The library of Alexandria is important to
- Rome and Egyptians
 - Greece and Egyptians
 - Egyptians and Asians
 - Rome and Greece
30. Which of the following could be considered the mother of nursing?
- Florence Nightingale
 - William Harvey
 - Anton Van Leeuwenhoek
 - Marie Skłodowska Curie
31. The primary focus of Ayurvedic medicine is to.....
- Promote good hygiene practices
 - Fight diseases mainly
 - Promote good health, rather than fight disease.
 - Promote good sanitation
32. The Church established certain charitable foundations during the dark age. This includes
- Crèche
 - Gerocomia
 - Clinics
 - Adoption agencies
33. Pre historic man believed that diseases were caused mainly by
- Nomadic lifestyle
 - Medicine men and women
 - Supernatural powers
 - Rivers
34. We have benefitted immensely from these two tribes as sources of our knowledge into prehistoric man
- Red Chinese and Aborigines
 - Red Indians and Aborigines
 - Aborigines and Greeks
 - Aborigines and Romans

35. Hippocrates taught the prevention of disease through the regimen
- Sanitation
 - Clean Water
 - Diet and Exercise
 - Public baths
36. A four year old boy got hurt at his gluteal region. His injury is at his
- Chest
 - Hand
 - Buttocks
 - Lungs
 - Face
37. The oldest historic phase of medicine is the
- Chinese Era
 - Arab Era
 - Egyptian Era
 - Roman Era
38. The Korle Bu Hospital was opened in the year
- 1923
 - 1911
 - 1914
 - 1915
39. Which scientist demonstrated the Function of the heart and Circulation of blood?
- Leeuwenhoek
 - Withering
 - Jarvis
 - William Harvey
40. Who is considered the father of Surgery?
- William Harvey
 - Romans
 - Imhotep
 - Hippocrates

41. Mosaic Code of strict Public Health laws include the following
- prohibition from taking and eating animals dead longer than 3 days
 - prohibition from smelling animals slaughtered longer than 3 days
 - prohibition from eating dead animals
 - prohibition from looking at dead animals
42. Confucius' teachings was practiced during the
- Indian Era
 - Chinese Era
 - Greek Era
 - Arabic Era
43. In Ancient Egypt , to get rid of common cold the following was done except
- Taking warm water to warm your body
 - Taking milk from a mother who has given birth to a male child
 - Making of a spell with specific pronouncement
 - Words like catarrh, son of catarrh, who breaks the bones are said
44. The Charaka and Sushruta are all sacred books of the
- Chinese
 - Greeks
 - Romans
 - Indians
45. The first civil colonial hospital was built in _____ in the year _____.
- Accra, 1878
 - Accra, 1874
 - Cape Coast, 1878
 - Cape Coast, 1874
46. Popliteus is the back of the
- knee
 - head
 - neck
 - leg

47. Nitrous oxide (laughing gas) which is used for anaesthesia was discovered by
- Andreas Vesalius
 - Patrick Bolonga
 - Marcello Malpighi
 - Humphrey Davy
48. Pope John XXI graduated in Medicine in Montpellier, France .His actual name was
- Petrus Hispanus
 - Andreas Vesalius
 - Patrick Bolonga
 - Marcello Malpighi
49. Historians rely on archaeological evidence to know the lifestyle of
- Prehistoric Era
 - Ancient Egyptian Era
 - Greek Era
 - Hebraic Era
50. This scientist came up with the "clinical method of observation" which doctors still use today
- William Harvey
 - Hippocrates
 - Aristotle
 - John Graunt

Write True (T) or False (F) against the following statements as appropriate.

51. Galen was also an acclaimed Brain and Eye surgeon of his era.
52. Marcello Malpighi identified capillaries which finally showed the link between arteries and veins and proving Hippocrates theory for the circulation of blood.
53. John Galen wrote the famous bill of Mortality book.
54. Abu al-Qasim the father of modern surgery .
55. Avicenna wrote an influential book called Canon of medicine.
56. The association of superstition with diseases started during the Pre historic era.
57. Ignaz Semmelweiss discovery of the importance of hand washing was not widely accepted.
58. Galen was born and trained in medicine in Rome.
59. William Harvey came up with the Hippocratic Oath, a high standard of ethical conduct.
60. The first written record of medicine happened in the Egyptian Era.
61. Pre historic man lived nomadic lives.
62. Galen, though he was a foreign physician in Rome he was appointed the Emperor's physician
63. Panakeia and her sister Hygiea were the daughters of the Greek God of healing; he took them with him on his night visits of the sick in the temple.
64. The suffix "osis" means abnormal condition.
65. Appendectomy is a procedure to remove the appendix and the colon.
66. Edward Freeman is the first person to introduce vaccination against smallpox .
67. Yin & Yan was a Chinese medical principle that represented hot and cold illnesses.
68. The Chinese were the first to perform caesarian section in history.
69. The first heart transplant was done in South Africa.
70. The sole of the foot is referred to as plantar.

Section B (30 marks)

Write short historical accomplishments of the following Individuals.

1. Ignaz Semmelweis.....
..... (3marks)

2. Frederick Banting
.....
.....(3marks)

3. John Hopps
.....
.....(3marks)

4. Dr. Christian Barnard.....
.....(3marks)

5. Alexander Fleming
.....
.....(3marks)

6. Louis Pasteur
.....
.....(3marks)

7. Wilhelm Rontgen
.....
..... (3marks)

8. Selman

Waksman.....
..... (3marks)

9. William Harvey

.....
..... (3marks)

10. Robert Hooke

.....
.....(3marks)