1) Systematically, collect, analyze and make available information on healthy communities, is the definition of which of the following?

A)   Assessment.

B)   Policy Development.

C)   Assurance.
D)   Research.
E)   Empowerment.

2) **The following are appropriate technology, EXCEPT?**

A)   Oral replacement solution in mild dehydration.
B)   Exclusive breast feeding for family planning.
C)   Monitoring and recording child's weight and height in every health visit.
D)   Testing potency of vaccines in laboratory.
E)   Boiling water for making baby's milk.

3) **In the district of total population= 2,000,000 persons in2014 the number of cancer deaths reported were 4,000 deaths in the same year. The total deaths were 5,000. So, the specific death rate from cancer equals?**

A) 2,0   B)3,8   C)1,0   D)5,3   E)4,0

4) **The total deaths in a country X in 2002 were 500 . Of these 100 were due to hypertension. If the total population is 150,000,then the proportionate mortality rate from hypertension equals to?**

A) 15   B)2.5   C) 20   D)5   E)10

5) **All the following statements about importance of studying composition of a population in demography are true, EXCEPT?**

A)   Age and economic status composition are the most important biological characteristics.
B)   It gives a true picture about human needs and resources.
C)   It allows comparisons between populations.
D)   It provides essential data for vital statistics.

E) It forecasts changes in size and their direction.

Answer: A

6) Regarding contacts, the following are recommended by the WHO's 2016 ANC Model, EXCEPT?

A) A minimum 8 contacts.
B) Contact 2 is done at 20 weeks of pregnancy.
C) Contact 5 and 6 are done four weeks apart.
D) The third trimester includes five contacts.
E) The first contact should be done before 12 weeks of pregnancy.

Answer: C

7) All the statements about population pyramids are true, EXCEPT?

A) The vertical axis (Y) reveals year's intervals of age.
B) Shape of the pyramids reveals developmental state of a population.
C) Population pyramids shows the percentage of population which is described as being dependent.
D) Height of the pyramids indicates life span in the community.
E) The sharper the slope, as it goes upwards, means lower mortality and migration.

Answer: E

8) Slope of sides of the population pyramids denotes the?

A) Mortality rate and migration.
B) Fertility rate.
C) Infant mortality rate.
D) Net migration rate.
E) Birth rate.

Answer: A

9) All are direct causes of maternal mortality, EXCEPT?

A) Bleeding after delivery.
B) Infection after delivery.
C) Unsafe abortion.

D) High blood pressure during pregnancy.

E) Anemia aggravated by pregnancy.

Answer: E

10) In the city R in year 2013, the Crude Birth Rate is 23/1000 , Crude Death Rate is 11/1000 , and the estimated midyear population is 8 million. The rate of natural increase is?

A) 2.9   B)1.2   C)4.5   D)3.5   E)0.8

Answer: B

11) ONE is False regarding ultrasound scan during pregnancy?

A) Early ultrasound is done before 24 weeks of pregnancy.
B) Early ultrasound improves the maternal pregnancy experience.
C) Twins can be detected during the early ultrasound scan.
D) Late ultrasound is done to all women.
E) Before 24 weeks gestation, fetal age can be more accurately determined.

Answer: D

12) The following are true achievements of Jordan's health system, EXCEPT?

A) Open heart surgeries in RMS hospitals.
B) The first kidney transplantation was performed in 1972.
C) First born IVF baby was in 1987.
D) Developed legislation to regulate organ donation.
E) Liver and bone marrow transplantation mainly in MoH hospitals.

Answer: E

13) All the following are correct regarding factors behind rural health problems, EXCEPT?

A) Psychological Barriers.
B) Overcrowding.
C) Environmental Factors.
D) Poverty.
E) Illiteracy.

Answer: B

14) ONE is False?

A) UNRWA delivers primary health care services.
B) UNRWA provides help for refugees to access secondary and tertiary care services.
C) The King Hussein Cancer Center (KHCC) is Non for profit organization.
D) The National Center for Diabetes, Endocrinology and Genetics (NCDEG) is a Non for profit organization.
E) Most of the public sector expenditure goes to primary care services.

Answer: E

15) The following are Economic challenges to the health system in Jordan, EXCEPT?

A) Migration of health competencies.
B) Patients paying directly for medicines.
C) People low expectation from health providers.
D) High cost of health services.
E) Low expenditure on public health sector.

Answer: C

16) The following statements applies to the De Facto type of census EXCEPT?

A) Persons in transit may be missed.
B) Counting individuals at their legal permanent residence.
C) Count individuals wherever they actually are on the day of the census.
D) It may give a false impression of size for areas with high migration or high seasonal mobility.
E) Much easy, less expensive.

Answer: B

17) Which of the following is INCORRECT regarding Cultural and Psychological factor behind rural health problems?

A) Relative values.
B) The belief in fate.
C) The tradition.
D) Belief that their own mode of life is the best.
E) Intoxication by pesticides.   **Answer: E**

18) ONE is true about Maternal Mortality indicators?

A) Maternal Mortality Rate denominator is the number of live births occurring in the same year.

B) Maternal Mortality Rate and the ratio are both measured per 100 000 live births.

C) Perinatal mortality denominator is the number of live births occurring in same year.

D) Still birth is complete expulsion of a product of conception the fetus becomes viable.

E) Perinatal mortality rate is measured per 1000 births.

Answer: E

19) Choose the WRONG answer?

A) Jordan is a middle income country.

B) The proportion of females is more than males to the total population.

C) The majority of Jordanian population are at the age 15-64 years old.

D) d. Average expected for a male in Jordan is 727 years old.

E) e. Average life expectancy in Jordan is 74.4.

Answer: B

20) Which of the following is FALSE about the hospital bed?

A) The number of hospital tie amount of space in health care facility.

B) The number of hospital beds describe the capacity of healthcare services.

C) It means available and maintained beds with their staff.

D) Include the immediately available for the care of admitted patients.

E) Royal Medical Services in Jordan provides the largest number of the total hospital beds in Jordan.

Answer: E

21) Which of the following is FALSE among administrative challenge to the health system in Jordan?

A) Changing the minister of health every few years.

B) Public sector and private sector work together.

C) The Higher Health Council absent role in health education policy.

D) A case of medical errors can take years to be resolved.

E) The medical technology is developing fast.

Answer: B

22) The Life span of the population in the population pyramid represented by the?

A) Height of the population pyramid.

B) Width of the population pyramid.

C) Apex of the population pyramid.

D) Slope of the sides.

E) Surface area the median line.

Answer: A

23) The following statements applies to De Jure type of census EXCEPT?

A) Counting individuals at their legal residence.

B) b. It gives a factual figure.

C) c. Some individuals may be omitted or counted twice.

D) d. Expensive and time consuming.

E) e. Counting individuals wherever they actually are on the day of the Census.

Answer: E

24) In the city Y , in year 2018, the crude birth rate is 30/1000, and a crude death rate is 9/1000 and the estimated midyear population is 4 million, and the net migration rate is (+0.2%). So, the growth rate is?

A) 3.8.　　　　B) 3.5.　　　　C) 1.4.　　　　D) 4.0.　　　　E) 2.3.

Answer: E

25) Which of the following is among elements of population study (demography)?

A) Mortality.

B) Distribution.

C) Migration.

D) Morbidity.

E) Fertility.

Answer: B

26) Equity means that?

A) Urban areas have more access to health services than rural areas.

B) People with higher income receive better healthcare.

C) The government should invest more resources in areas with more needs.

D) Women and men should be treated equally.

E) Distributing health services according to unfair differences between population.

Answer: C

27) Regarding the differences between clinical medicine and public health, ONE is true?

A) Clinical medicine cares for healthy and diseased individuals.

B) Public health aims to cure individuals with diseases.

C)   Public health uses medical treatment for management of health problems .

D) Clinical medicine follows up patients for evaluation.

E) Clinical medicine uses vital statistics for diagnosis.

Answer: D

28) What is an example of social health?

A) Learning a new language.

B)   Walking from your place to your friend's place.

C)   Meeting new people.

D)   Reading a book, studying, and wanting to understand.

E)   Feeling at peace after praying.

Answer: C

29) If the estimated midyear population of a country X in a certain year was 3.000.000. The total number of young population below 15 years old=900.000 , and the total number of population aged (15-60) years old=1.800.000. so, the old dependency ratio is ?

A) 18.5%.   B) 25.7%.   C) 12.9%.   D) 16.7%.   E) 13.8%.

Answer: D

30) All the following is an example of community participation in PHC, EXCEPT?

A) Attending clinic at the appointment time.

B) Keeping regular physical exercise.

C)   Sharing patients information with community.

D) Bringing your child for immunization.

E)   Wearing face masks in Covid-19 Pandemic.

Answer: C

31) The following describe the concept of "Health', EXCEPT?

A) It is the absence of disease or infirmity.

B) Health is different for different people.

C) Being socially and economically productive life is part of an individual's health.

D) Includes physical, mental and social well being.

E) It is a changing state.

Answer: A

32) ALL the following lead to Delay in reaching care, EXCEPT?

A) Long distance to health centers.

B) High cost of transportation.

C) Previous poor experience of health care.

D) Difficult geography such as mountains.

E) Poor roads.

Answer: C

33) Which of the following is an Environmental determinant of health ?

A) Smoking

B) Living near health centers.

C) An individual's monthly salary.

D) Having genetic susceptibility for cancer.

E) Doing daily exercise.

Answer: C

34) ONE is true about Post-Natal care?

A) The majority of postnatal maternal deaths occur within the first 24 days.

B) A total of 8 contacts is recommended.

C) The second contact is done on day 7-14.

D) d. The fourth contact is done on week 8 after delivery.

E) e. Postpartum depression is assessed at the third visit.

Answer: E

35) You are in the delivery room, you watch the following measures are done to the newborn bring delivered, which of these practices is right to do as you learned in the public heath course?

A) The newborn is kept wet to make breathing easy.

B) The cord is clamped and cut only after 15 minutes.

C) The newborn is taken away from the mother during the first hour after delivery so she can rest.

D) Vitamin K prophylaxis is given during the first 24 hour.

E) First full clinical examination is done after one week.

Answer: D

36) The percent of individuals who survive till old age in the population pyramid represented by the?

A) Slope of the sides.
B) Apex of the population pyramid.
C) Base of the population pyramid.
D) Height of the population pyramid.
E) Surface area above the median line.

Answer: B

37) Improvement of maternal health and reducing maternal mortality is?

A) Goal number 4 among the Millennium Development Goals (MDGs).
B) Goal number 3 among the Millennium Development Goals (MDGs).
C) The target 3.1 among the Sustainable Development Goals (SDGs).
D) The target 5M among the Sustainable Development Goals (SDGs).
E) The target 3S among the Sustainable Development Goals (SDGs).

Answer: C

38) Intrapartum (delivery) care for a positive childbirth experience involves all of the following, EXCEPT?

A) Maintain privacy during delivery.
B) Using medical language to communicate with the mother.
C) The mother can choose a companion during delivery.
D) The mother can choose the pain relief method during delivery.
E) The mother is encouraged to move much during and after delivery.

Answer: B

39) An acceptable health service means the following, EXCEPT?

A) The government approval for doing the service.
B) The people have bad previous experience with this service.
C) The people accepting to pay for this service.
D) The service is for culture of that society.
E) The health providers accepting this service.

Answer:B

40) All the following are true about Economic accessibility. EXCEPT?

A) It is people's ability to pay for services without becoming in financial hardship.
B) Household income is an important factor.
C) It takes into account not only the price of the health services.
D) The cost of transportation to the health service is not included.
E) The time taken away from work is included.

Answer: D

41) Population pyramid of a Developing country has all the following features, EXCEPT?

A) Median age is low.
B) Low mortality experienced.
C) Narrow apex.
D) Wide base.
E) Sloping sides.

Answer: B

42) Primary Health Care is essential. This means all of the following EXCEPT?

A) There are health priorities.
B) Provided according to needs.
C) Begins as soon as a human is born
D) Continues till end of human's life.
E) Womb to tomb.

Answer: C

42) In a district of 20,000 persons, the following was registered: 900 births, 400 deaths. The rate of natural increase in this district equals?

A) 1.5.　　　　B) 3.3.　　　　C) 4.5.　　　　D) 3.75.　　　　E) 2.5.

Answer: E

43) All are considered a maternal death, EXCEPT?

A) Woman dies at completed 37 weeks pregnancy.
B) b. Woman dies on day 40 after delivery.
C) c. Woman dies after she had pregnancy outside the uterus (in the tubes).
D) d. Woman dies of car accident and was 30 weeks pregnant.
E) e. Woman dies during delivery at the hospital due to be given wrong dose.

Answer: D

44) A population pyramid describes the ....of the population at a given time?

A) Age-sex structure.
B) Occupation.
C) Number.
D) Marital state.
E) Health.

Answer: A

45) ONE of the following is true about the importance of MCH services?

A) The health of the mother and that of the unborn baby are not related.
B) Detecting nutritional problems for both mother and child becomes difficult.
C) MCH services increase burden on health systems.
D) Opportunity for safe delivery.
E) MCH services are better separated for operational convenience.

Answer: D

46) Which of the following is TRUE about levels of prevention?

A) Primary and secondary prevention target sick individuals.
B) Child's vaccination is an example of secondary health care.
C) Screening to detect children with genetic problem is an example of primary prevention.
D) Rehabilitation services are secondary prevention.
E) Eating healthy is an example of primary prevention.

Answer: E

47) All are true about Lifetime risk of maternal death, EXCEPT?

A) Probability measure.
B) b. Measured for women age 15-49.
C) c. It is less in low income countries.
D) d. It is more in in a high-fertility setting.
E) e. Presented as 1 in X.

Answer: C

48) The SDGs aims to reduce the global maternal mortality ratio to?

A) less than 70 per 1000 live births by 2030.
B) less than 7 per 100 000 live births by 2030.
C) less than 70 per 100 000 live births by 2030.
D) less than 17 per 100 000 live births by 2015.
E) less than 7 per 100 OOO live births by 2020.

49)   ONE of the following is the most common cause of death among Jordanians?

A) Hypertension.
B) Lung cancer.
C) Car accident.
D) Diabetes.
E) Breast cancer in women.

Answer:B

50)   All the following factors affect the Denominator of the crude birth rate, EXCEPT?

A) Wars.
B) The age of marriage.
C) Migration.
D) Famines.
E) Epidemic.

Answer: B

51)   Population pyramid of a Developed country has all the following features , EXCEPT?

A) Median age is low.
B) The height of the pyramid is high.
C) Narrow base.
D) Wide apex.
E) Sides are not sloping.

Answer: A

52)   All the following factors affect the Nominator of the crude birth rate EXCEPT?

A) Number of females in the community in the age.
B) The age of marriage.
C) Wars.
D) The level of infant and preschool mortality rates.
E) The rate of having children.

Answer: C

53)   The 2016 WHO ANC model recommends the following. EXCEPT?

A) Daily oral 30 mg to 60 mg of elemental iron for pregnant women.
B)   b. Daily 4000 vg (040 mg) folic acid for pregnant women.
C)   c. Tetanus toxoid vaccination is recommended for all pregnant women.
D)   d. Once Hb is back in the normal range, the iron supplementation should continue.
E)   e. At every antenatal visit, a pregnant woman is asked about the use of smoking.

54)   All of the following Human resources in Jordan have decreased in number per 10.000 population in 2017, EXCEPT?

A) Midwives.
B) Physicians.
C) Dentists.
D) Pharmacist.
E) Nurses.

55)   If a population of a town X was 3,000.000 persons in the census of the year 1980 and it increased to reach 4,000,000 in the year 1990. The estimated inter-censual population at 1987 will be?

A) 4,100,000
B) 3,700,000
C) 3,200,000
D) 3,500,000
E) 3,400,000

56)   In a district of 20.000 persons, the following was registered- 900 births, 400 deaths. The rate of natural increase in this district equals?

A) 1.5
B) 3.3
C) 4.5
D) 3.75
E) 2.5

57)   All the followings are correct regarding Obstacles related to delivery of health care in rural areas related to the consumers , EXCEPT?

A) Sustained unhealthy life styles.
B) Illiteracy and lack of awareness about health problems and their risk factors.
C) High morbidity and mortality among mothers and children.
D) Inadequate community participation.
E) Limited multi-sectorial approach.

58) The science which provides basic data for organized planning of socio-economic, health and other community services and welfare programs called?

A) Anthropology.
B) Bibliography.
C) Mammography.
D) Demography.
E) Philanthropic.

Answer: D

59) ALL are true about Healthcare organization in Jordan EXCEPT?

A) The MOH is the largest sub-sector of healthcare in Jordan.
B) The RMS mainly provides primary healthcare services
C) The private sector is the second largest provider of health care in Jordan.
D) The last case of polio in Jordan was in 1992.
E) The King Hussein Cancer Center (KHCC) is non-government.

Answer : B

60) The estimated midyear population of a country Z in a certain year was 12.000.000. The total number of male= 7.000.000. Total number of death was 50.000(male=30.000). So, female Specific Death Rate is?

A) 2 per 1000

B) 10 per 1000

C) 13 per 1000

D) 5 per 1000

E) 4 per 1000

Answer: E