51. A researcher is interested in determining whether there is a malaria outbreak in a given zone of a region. Which of the following methods is best to collect data for the intended purpose at community level?

a. In-depth interview

b. Sample survey

c. Conducting census

d. Focus group discussions

52. A health professional is supposed to study the prevalence of stunting and associated factors among under five children within a specified given time. What is the most appropriate study design for this topic?

a. Experimental study design

b. Cohort study design

c. Cross sectional study design

d. Case control study design

53. In a health center hazardous waste disposal was found to be a ritical problem. A disposal options for hazardous wastes was required for a public health action. Which of the following waste disposal option is the most appropriate for the health center?

a. Offsite Disposal

b. Burying

c. Incinerating

d. Composting

54. A nutritional survey particularly targets infants between 0-6 months. What is the most appropriate explanation for targeting this age group?

a. Ease to measuring these infants

b. Stakeholders are used to this type of data and appropriate response is obtained

c. Low rate of exclusive breastfeeding

d. Higher risk of malnutrition compared to older age groups

55. A researcher wants to know age at first sexual intercourse among college students in Ethiopia. Which data collection technique is most appropriate?

a. Self-administered questionnaire

b. eview of records

c. Face to face interview

d. Focus group discussion

56. In a Keble where child mortality rate is high a doctor plans to reduce deaths from measles by 50%, death from diarrhea by 40% and overall death by 24%. Which vitarnin supplement is likely to be effective to achieve his plan?

a. Vitamin B6

b. Vitamin E

c. Vitamin A

d. Vitamin B9

57. A patient was diagnosed with diabetes melitus two months ago and is currently participating in the daily diabetes mellitus therapy sessions at the local fitness center. In what level of prevention is the patient participating?

a. Primordial

b. Primary

c. Tertiary

d. Secondary

58. Amanager of heath ofice sad, n resoue poor countnes e us one does not oo in search of a cure or rnNg wo while leavng leprony unatended in above quotation which step of the planning is emphasied?

a. Problem priortzation

b Problem identfication

c. Objective setting

d. Stuational analyss

59. A community obtains four liters of water per day per person. Their village is far from any rivers, strearns and lakes. Which of the following water associated diseases is most likely in this community?

a. Onchocerciasis

b. Dracunculiasis

c. Conjunctivitis

d. Cholera

60. The following data are the values of random blood sugar in mg/dl of diabetic patients at a certain cliniC 70, 120, 125,130 & 128. Which numerical measure is appropriate to summarize this data?

a. Variance

b. Median

c. Mean

d. Mode

61. A health message developer from X town used English language as a medium to disseminate health education. The

examples he used were applicable to residents of X town. The message developer used the same content for residents of Y town by translating and adapting to the local situation. Which action is performed by message

developer?

a. Categorizing

b. Encoding

c Decoding

d. Organizing

62. In a situational analysis, a health educator focuses on assessment of resources, budget allocation, developmet of implementation timetable, coordination with otherS and circumstances prevailing to organizational situations that could hinder or facilitate the development of the health program and

has brought several factors associated with it. Which part of analysis got emphasis according to PRECEDE-PROCEED Model?

a. Educational Diagnosis

b. Social diagnosis

c. Administrative and Policy Diagnosis

d. Epidemiological diagnosis

63. A health professional conducted a community survey for malaria prevention. The major problems identified were the presence of stagnant water and poor waste disposal systems. Professionals recommended the community to drain the water, to have a waste disposal pit and to use ITN. Which levels of disease prevention best describes it?

a. Primordial

b. Tertiary

c. Primary

d. Secondary

64. An organization rewards 10,000 birr for one of best performer general practitioner/GP/ but the other haspital rewards an education opportunity for similarly performed GP. Considering his colleague, the first GP is not satisfied with the reward he received. In which theory of motivation is this concept best explained?

a. Equity theory

b. Hertzberg's two-factor theory

c. Expectancy theory

d. Goal-Setting Theory

65. A Para I lady who previously gave birth to a baby with neural tube defect comes to family planning clinic to get COunseling service. She has planned to be pregnant in the near future. Which vitamin supplement is important to prevent recurrence of the condition?

a. Pyridoxine

b. Biotin

c. Thiamine

d. Folate

66. A group of high school students went out for a party. They were served their dinner together. After 2 hours almost all

of the students developed diarrhoea, nausea, vomiting and headache. Which characteristic of the infectious agent is best explained?

a. Toxigenicity

b. Virulence

c. Infectiousness

d. Pathogenicity

67. Which of the following is an effective, feasible and economical way to break the chain of transmission of communicable diseases?

a. Hand washing

b. Use of personal protective equipment

c. Decontamination

d. Sterilization

68. To address health systems for the needs of the population, the government of Ethiopia has developed and implemented a mechanism that deals with mobilization, allocation and utilization of health resources. Which mechanism is being utilized?

a. Health care

b. Health care financing

c. Health reform

d. Health care financing reform

69. In a country continuous scrutiny of factors that determine the occurrence and distribution of disease and other conditions of ill health were carried out. Which term best describes the above concept?

a. Disease control

b.System analysis

c. Monitoring

d. Surveillance

70. A 12 year-old female patient who is a known cardiac patient became anernic and was prescribed a blood transfusion. The patient refused to take the transfusion because of religious reasons. The nurse strongly forced her to have the transfusion. Which ethical principle is violated by this nurse?

a. Non-maleficence

b. Autonomy

c Beneficence

d. Respect for patient

71. Suppose University students who used cafe faced an outbreak immediately following lunch in the cafe and there was no continued infection of the disease then after. From 1000 students who ate the lunch, 600 of them were infected with "Y" type of bacteria as revealed by laboratory, 400 had acute diarrhea and abdominal pain, 100 admitted to hospital for better management and 10 students died of the disease. What is the infectivity rate of the bacteria?

a. 25%

b. 66.77%

c. 60%

d. 40%

72. Suppose an association between variables in a certain study has a p-value of 0.01 at an alpha level of 5%. What statistical conclusions can one draw?

a. The association might have happened because of sampling bias

b. The association is not statistically significant

c. The association is statistically significant

d. The association might have happened because of chance

73.----------

74. A researcher enrolled 41,837 women in 1986 and collected exposure and lifestyle information to assess the relationship between these factors and subsequent occurrence of cancer cervical cancer. What is the appropriate study design the researcher used?

a. Case-control

b.Clinical trial

C. Cohort

d. Experimental

75. A 30 year-old woman became unconscious and fell down on the floor of a confined kitchen which had no chimney. What is the first aid care you would give first?

a. Open the door to get fresh air

b. Check for the ABC's of life if she is unconscious

c. Safely remove the victim from the kitchen

d. Start mouth -to- mouth respiration in the kitchen

76.----------

77. A person is infected by vectors that transmit disease pathogens after both multiplication in number and development of the pathogen in the insect gut or muscle. What is the type of the vector?

a. Flea

b. Tick

c. Anopheles mosquito

d. Common house fly

78. A nurse wants to test HIV. She discussed with a patient about HIV testing, counseling and results will not be disclosed to anyone

else without expressed consent from him. Which ethico-legal aspect should the nurse respect?

a. Informed cConsent

b. Fidelity

C. Non-malificence

d. Confidentiality

79. A researcher was assigned to conduct a study on the evaluation of the community reaction towards legalization of medical abortion. Data was collected from 500 male participants from a different Keble. He ultimately analyzed and published his paper as the reaction of the community towards legalızation of medical abortion. What is the most likely bias he introduced?

a.Selection bias

b.Self reporting bias

c.Non-response bias

d.Social desirability bias

80. A man, married for two years and not sing a contraceptive complains of being unable to have a child. What is the most likely diagnosis of this man?

a. Tertiary infertility

b. Secondary infertility

c. Primary infertility

d. Congenital infertility

81. A 35 year-old man suffers froma urethral discharge after having frequent penetrative sex with many partners. What kind of risk factors leads to this situation?

a. Socio-cultural

b. Biological

c. Behavioral

d. Environmental

82. A researcher is interested to conduct a study on highly sensitive issue in certain community. Which of the following data collection technique is most appropriate?

a. In-depth interview

b. Self-administered questionnaire

c. Telephone interview

d. Face to face interview

83. Which of the following describes the statement of the problem in a research?

a. Describe the study

b. Specify the type of people to be used in the study

c ldentify the design of the study

d. ldentify the intent or objective of the study

84. Which one best describes a formal and legitimate right of a manager to make decisions, issue orders, and allocate resources to achieve organizationally desired outcomes?

a. Responsibility

b. Decentralization

c. Authority

d. Accountability

85. The health center director has assigned a responsibility to the newly assigned MNCH head and granted an authority

to command based on the health system principles. What managerment function has been practiced?

a. Staffing

b. Directing

c. Organizing

d. Planning

86. A researcher wanted to conduct a study about sexual health among commercial sex workers. Which of the following sampling methods is most appropriate?

a. Cluster sampling

b. Simple random sampling

c Stratified sampling

d. Snow ball sampling

87. Uneducated rural mothers are intended to be reached with health learning material. Which material is appropriate to them?

a. Flip Chart

b. Leaflet

c. Bill Board

d. Poster

88. A mother Comes to your OPD with an infant who develops a blue baby syndrome. Which of the following impurity of water is the possible cause for this disease?

a. Ammonia

b. Phosphate

c Ntrnte

d. Nitrate

Clear my choice

89. A manager of the hospital distributed information to different NGOs and communities about the mission of the hospital through social media. What managerial role is it?

a. Disseminator

b. Liaison

c. Spokesperson

d. Figurehead

90. A household of five family members with a good economic status has a reasonable amount of open space and the soil condition is easy to dig. The household wanted to have a latrine without fly and odor problerns. The site has never been flooded with low ground water level. Which latrine is best to construct for this household?

a. Pit latrine

b.VIP latrine

c. Trench latrine

d. Raised pit latrine

91. Which of the following best describes the lack of empowerment of women in decision making as a reason for maternal mortality?

a. Facility delay

b. Second delay

c. first delay

d. Third delay

92. The senior Manager of Hospital has developed a plan that is comprehensive in scope and reflects long term needs of the Hospital. What type of plan has been developed?

a. Tactical plan

b. Strategic plan

c. Ation plan

d. Operational plan

93.The chief executive officer of a hospital identified that poor quality service was mainly due to activities that exist between health care providers and patients. Which of the following should he work on?

a. Out come

b. Impact

c. Structure

d. Process

94. A hospital manager wanted to determine the pattern of tuberculosis detection rate for five years using graphical methods. Which method will be most appropriate?

a. Histogram

b. Pie chart

c. Line graph

d. Bargraph

95. A doctor prescribed a drug as "BID" and the detailed time of drug intake is told and written explicitly on the packet of the drug. The patient replied that he understood his prescription. Unfortunately the patient failed to carry out the instructions. Which component of communication process needs intervention?

a. Receiver

b. Sender

c. Channel

d. Feedback

96.A 35 years-old woman came to hospital with a productive cough of 2 months duration. She had three positive sputum tests for acid fast bacilli. The woman has asked for advice in the OPD with regard to using contraceptives. What contraceptive do you recommend for the woman?

a. Progestin only pill

b. Combined oral contraceptive pill

c. IUCD

d. Implant

97.A 45 year-old teacher working in a highland rural area transferred to a malaria endermic city. He moved with his pregnant wife and other members of the family. The age of his daughter is 12 and the son is 8 years old. Which member of the family is at highest risk?

a. The father himself

b. His 12year-old daughter

C. His wife

d. His 8 year-old son

98. A 15 year-old female came to the Health Centre to obtain hormonal contraceptives. She has a 17 year old boy friend and they have been thinking about sexual relations. What issues related to informed consent are to be addressed?

a. The effectiveness of the methods

b. The availability of suitable methods

c. Their age to give informed consent

d. The reproductive rights

99.A woman brings her 2 year-old male child to well-baby clinic to get growth monitoring service. His MUAC measurement is 11.6cm, has no pitting edema or any life threatening illness and he passed appetite test. Which management is appropriate to this child?

a. Send him to supplementary feeding program

b. Congratulate and counsel the mother

c Send him to out-patient therapeutic program

d. Admission for in-patient

100. A 35 year-old woman comes to the outpatient department to get treatment service. She has fatigue, shortness of breath, muscle weakrness, weight loss and paleness of the skin. She is strictly vegetarian. Which nutrient supplement is best to treat her?

a.Vitamin B12

b.Vitamin B

c. Vitamin B9

d. Vitamin B6