بسم الله الرحمان الرحيم (وَفَوْقَ كُلِّ ذِي عِلْمٍ عَلِيمٌ)





Community Medicine | MID

Past Papers



Written by: DST

Reviewed by: NST





- 1 Which of the following is wrong about Antenatal care:
- A. The first visit should be made as early as possible
- B. Focused Antenatal care model is associated with more Maternal death than ANC models that comprise at least eight visits
- C. In LMICs, ANC utilization has increased since introduction of WHO ANC model(FANC)
- D. A planned examination, observation and guidance given to the pregnant women from conception till labor

2-Which of the following is not an objective of MCH:

- A. To reduce morbidity and mortality among mothers and children.
- B. Assesses the risk factor of complications in pregnancy
- C. Reducing domestic and sexual violence without ensuring proper management of victims
- D. To reduce the risk of sexually transmitted diseases (STDs)
- E. All of the above

3-Which of the following is not a correct statement about preeclampsia?

- A. Development of proteinuria and hypertension after 20 weeks of gestation
- B. Can evolve into eclampsia which is characterized by new onset of epilepticspasms
- C. Family history of preeclampsia increases the risk of developing preeclampsia
- D. New-Onset of hypertension with systolic and diastolic blood pressure readings of ≥140 and ≥90 mmHg detected only once

4-Which of the following is incorrect about MMR Vaccine?

- A. Jordan does not provide it for girls and women in the vaccine plan
- B. it is attenuated and weakened, it can be safely given to pregnant women
- C. Measles is an infection that commonly affects kids

5-What is the definition of Fertility rate?

Answer: The number of live births divided by the number of women age (15-49)



6-Total fertility rate is:

- A. Number of children born to a woman
- B. Number of new births in 1000 population
- C. The number of live births per 1,000 women ages 15-49 in a given year
- D. The level of fertility at which a couple has only enough children to replace themselves

7-One of the following is NOT correct about rubella:

- A. Common hectic fever
- B. Causes intrauterine fatal demise
- C. Primary rubella infection during pregnancy leads to miscarriage
- D. MMR vaccine cannot be given to pregnant women
- E. Known as 'German Measles

8-Which of the following statements is not true regarding preeclampsia?

ANSWER: Chronic hypertension is not a risk factor for preeclampsia.

9-Before becoming pregnant, women should check if they are immune to rubella (--) because MMR vaccine is ___live virus vaccine and pregnant women shouldn't get MMR vaccines.

ANSWER: German measles, attenuated

10-Nearly ¾ of maternal deaths are due to indirect causes aggravated by pregnancy.

A.True

B.False

11-Which of the following statements is not true regarding Low birth weight?

ANSWER: Premature birth is not associated with low birth weight

12-With regard to ultrasound scan as a routine part of antenatal care, which one of the following statements is correct?

- A. It does not show the position of the placenta.
- B. It does not help to check the baby size.
- C. It does not help to monitor for baby growth.
- D. IT can not detect abnormalities in the baby during pregnancy.
- E. It shows the position of the baby and the placenta.

13-Which of the following is not an objective for maternal and child health services?

- A.To reduce the incidence and prevalence of sexually transmitted infections (STDs).
- B.To reduce morbidity and mortality among mothers and children, through health promotion activities.
- C.To reduce the incidence and prevalence of cervical cancer.
- D.To reduce domestic and sexual violence.
- E.To reduce morbidity and mortality among mothers and children, through curative interventions.

14-Sudan had one of the highest Maternal Mortality Ratios in the Middle East in 2010 with 385 per 100,000. if you know that in Sudan, 900,000 live births were recorded that year, what is the count of maternal deaths in Sudan in 2010?

A.34,065

B.42,777

C.3,465

D.4,277

E.346,500

Answer:C

15-In Ethiopia (2017), Infant Mortality Rate was 61.3 per 1,000. If you know that 153,250 Ethiopian infants have died that year, then what is the count of live births in Ethiopia in 2017?

- A.25 million
- B.Quarter a million
- C.40.783 million
- D.2.5 million
- E.407,830

16-in Nigeria (2018) General Fertility Rate was 94.1 per 1,000. What was the live births count if you know that the count of women aged 15-49 years in Nigeria that year was 51 million?

- A. 186,000
- B. 48,000
- C. 48 million
- D. 1.86 million
- E. 4.8 million

Answer: E

17-One of the main functions of premarital care is:

- A. Avoiding hazards (smoking, alcohol, drugs).
- B. Assess the risk of complications in delivery.
- C. Help prepare the mother for breastfeeding
- D. Remove stress and worries regarding delivery process.



18- Which of the following is correct about MCH?

A-maternal mortality rate is annual deaths per 1000 live births B-infant mortality rate is mortality deaths per 100000 live births

C-comprehensive care is the number of facilities that provide comprehensive care per 500000 population D-low infant weight is defined as weight less than 3,000 mg

19- Which of the following is incorrect about preconceptional period:

A-megavitamins of vitamin A intake is associated with congenital anomalies

B-herbal preparations and megavitamins should be taken

20- What is incorrect about risk assessment?

Answer: it provides health care to all pregnant women in equity

21- Which of the following is correct:

A-fertility rate in Jordan reached 2.6 in 2023, but still has major growing constraint B-the first 3 causes of deaths globally are: stroke, cardiovascular and COPD

22- Multicausal is implied to:

A-food poisoning B-hypertension

Primary health care

1 Which of the following is not an aspect of mental health dimension:

- A. Self-awareness
- B. Good self-control
- C. Self-efficacy and self-esteem
- D. Coping with stress
- E. Free from internal conflict

2- Which of the following is correct about health spectrum:

- A. Human health is static
- B. Transition between levels is sudden
- C. Highest level is death
- D. Lowest level is severe disease
- E. Health is subjected to fine variations

- 3-All of the following statements are correct regarding the Astana declaration for-primary health care, except:
- A. All has been endorsed in the Global Conference on Primary Health Care in 2019.
- B. It aims to build sustainable primary health care
- C. It aims to make bold political choices for health across all sectors
- D. It aims to empower individuals and communities.

4-Secondary healthcare is:

- A. Primary referral
- B. Secondary referral
- C. Advanced care for specific condition
- D. First point of contact

- 5-Which of the following statements is correct about PHC?
- I. Adequacy means to provide abundant services for community's demands
- II. Gender equality is considered a principle of PHC
- III. Acceptability is when the patient has trust and confidence in health care
- A. III C II
- B. ICII
- C. III only
- D. II only
- E. All of them are correct

6- One of the following is a principle of Primary healthcare:

- A. Social equity
- B. Drug availability
- C. Immunization

7- Which of the following does not represent Primary healthcare?

- A. Focusing on individual
- B. Health promotion
- C. Intersectoral collaboration

8-Tripod of negligence is related to:

- A. Efficiency
- B. Equity
- C. Intersectoral collaboration
- D. None of the above

9-Self-control is a characteristic of ______ health:

- A) Social
- B) Physical
- C) Spiritual
- D) Mental
- E) Environmental

10-An element of PHC:

- A) Food supply
- B) Provision of essential drugs
- C) Health education
- D) All of the above

ANSWER: D

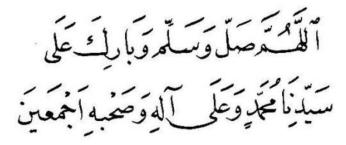
11-Which of the following is not a requirement of PHC?

- A) Adequacy
- B) Completeness
- C) Self-organization
- D) Accessibility

ANSWER: C

12-Less than 50% of people visit PHC in Jordan for curative reasons rather than-preventive reasons

- a. True
- b. False



13-Mental health dimensions expect:

- A- Free from internal conflict
- B- Coping with stress
- C- Self esteem and self confidence
- D- Aware about himself

ANSWER: C

14- Regarding primary health care in Jordan:

- A- We have a limited number of highly qualified doctors
- B- Intermediately qualified paramedical staff are abundant.
- C- Highly qualified doctors are abundant.
- D- All of the above are correct

15-Adequacy in primary health core means?

- A) Services provided are proportionate to what is required by the community.
- B) The service has to be properly selected and performed by trained personnel in o proper way.
- C) Services must be trusted by patients.
- D) People must be able to obtain the services they need as at when they need them.
- E) Adequate attention should be paid to all aspects of a medical problem prevention, early detection, diagnosis, treatment, follow up measures, and necessary rehabilitation.

Answer: A

16-What term is used to refer to care is provided for all types of health problems in primary health care?

- A) Accessibility.
- B) Continuity.
- C) Completeness.
- D) Comprehensiveness.
- E) Availability

17-The dimension of health that involves feeling as part of a greater spectrum of existence is:

- A) Social
- B) Spiritual
- C) Environmental
- D) Emotional
- E) Physical

Answer: B

18-Equity theory of motivation focuses on:

ANSWER: People's perception of how fairly they must be treated when compared to others.

19-The skeleton of PHC services is?

ANSWER: Health education

20- Consider the following pairs:

- A) Alma-Ata declaration C healthcare
- B) Equity C medical care can be readily evaluated
- C) Premarital health services C genetic counselling
- D) Storm and stress period of adolescence C Edwin LockeWhich of the pairs is/are paired correctly?

ANSWER: A and C

21-An example of health dimension:

- A- spiritual well being
- B- Mental well being
- C- social well being
- D- all of the above

Answer: D

22-What is incorrect HE:

A-HE targets women, children and elderly

B-changing people's attitudes is referred to social approach

23- Question about society change and approaches of health education:

Answer: Change in social approach cuz in the slides its change in behavior approach not social

24- Which of the following is correct:

A-tertiary health care is first referral level B-education and healthcare approach and economic instability is referred as social health determinants C-none of the above

Introduction to Epidemiology & Medical research

Past papers 2023

Q1. What is true about bias?

A-selecting bias can be controlled in analytic stage

B-information bias is a systematic error that lead to mistaken exposure's measurement

Answer: B

Q2. The result can conclude no association because of:

A-small sample size

B-p value less than 0.05

C-coherent

Q3. Calcium intake is believed in preventing breast cancer, a study compared between calcium intake cases and others (controls), the result shows strong protective association, what is the value of the OR?

A-9

B-3

C-0.9

D-0.15

Q4. Calculate AR if: using cellular phone while driving contribute to 11.2 accidents per 10,000 miles driven and 8.7 accidents per 10,000 miles driven in non –using cellular phone drivers

Q5. Which of the following is incorrect about carriers?

A-carriers don't represent the iceberg

B-chronic carriers as influenza

Q6. Hepatitis B is:

A-seosonal fluctuation

B-multi exposure fluctuation

C-short time fluctuation

D-long or specular

E-none of the above

Q7. Multicausality is implied to:

A-food poisoning

B-hypertension

Past papers

Q1. Which of the following is not related to "distribution" in the definition of epidemiology:

- A. Prevalence
- B. Incidence rate
- C. Death rate
- D. Pattern
- E. Risk factors

Q2: Which of the following sentences is correct regarding the John Snow investigation about what caused cholera?

- A) Using the microscope, snow conducted his investigations to discover what caused cholera.
- B) Snow conducted a classical study in 1954 when an epidemic of cholera developed in London.
- C) Snow believed that water was the cause of infection for cholera, but he could not identify the exact
- source of water.
- D) Snow determined where in London persons with cholera lived and worked. He then mapped
- distribution of disease.
- E) Farr agreed with Snow about the cause of cholera. They adhered to the miasmatic theory

Q3. From the definition of epidemiology, distribution refers to?

- A) The study of the pattern of an event by person, place, and time.
- B)To measure the occurence of diseases, disability, or death in a specified population.
- C)Systematic collection, analysis, and interpretation of data.
- D) Epidemiology studies factors that influence health related events.
- E) Epidemiology has direct and practical applications for prevention of disease and promotion of health

Q4. Regarding the cases of John snow, which of the following is Correct:

- A) Snow was a German physician who investigated an outbreak of cholera
- B) Snow believed that water was the source of infection for cholera, and could prove it
- C) Snow broke handles of a few pumps in London
- D) Farr believed that cholera was related to water
- E) William Farr and Snow agreed on the cause of cholera in London

Answer: B

Q5. Which of the following statements is not correct about causation?

- A) Direct causation can explain lots of causal relationships.
- B) In the germ theory, the agent should be present in every case of disease
- C) A risk factor that can be changed or removed is important for control
- Of disease
- D) Multi-causal theory explains most of the chronic diseases
- E) A necessary but not sufficient causal relationship applies to breast cancer

Answer:A

Q6.What is correct about prevalence?

- a. Number of new cases.
- b. Number of deaths.
- c. Total number of population with the disease.
- d. Total number of the increased mortality rate

Answer:c

Q7. In the definition of epidemiology, "Distribution" DOESN'T refer to which of the following?

- a. Who (Person)
- b. When (Time)
- c. Where (Place)
- d. Why (Cause)

Answer: d

Q8. Diseases that are habitually presented in a given geographic area, usually at a low, constant frequency are classified as having a(n) _____ pattern.

- a. Epidemic
- b. Endemic
- c. Pandemic

Answer: b

Q9. The focus of epidemiologic studies is on:

- a. Individuals
- b. Populations
- c. Skin
- d. Animals

Answer: b

Q10. John Snow's investigation of cholera is considered a model for epidemiologic field investigations because it included a:

- a. Biologically plausible hypothesis (cholera is a water- borne infection)
- b. Comparison of a health outcome among exposed and unexposed groups
- c. Recommendation for public health action
- d. All of the above

Q11. This classifies the occurrence of disease according to the variables of person, place, and time:

- a. Descriptive Epidemiology
- b. Analytic Epidemiology
- c. Environmental Epidemiology

Answer: A

Q12. The epidemiologic triad of disease causation refers to:

- a. Time, place, person
- b. Agent, host, environment
- c. Source, mode of transmission, susceptible host
- d. John Snow, Robert Koch, Kenneth Rothman

Answer: b

Q13. Which of the following is not an example on disease frequency?

- a. Death rate
- b. Prevalence rate
- c. Incidence rate
- d. Analytical rate

Answer: d

Q14. A reservoir of an infectious agent can be:

- a. An asymptomatic human
- b. A symptomatic human
- c. An animal
- d. The environment
- e. All of the above.

Answer: e

Q15. Which of the following is considered a direct mode of disease transmission:

- a. Droplet spread
- b. Mosquito, fleas, lice, ticks.
- c. Fomites
- d. Food, water, or biological products (blood)

Q16. According to the history of epidemiology, One of the following is incorrect:

- A. London smog disaster that was in the 1974, caused respiratory illnesses and death
- B. Thomas Francis Was the director of the poliomyelitis vaccine named as Salk vaccine
- C. Hippocrates said that the environment and the human behaviors affect their health
- D. John Snow was known to identify the cause of the cholera in London in the 1854
- E. Non of the above

Answer: A

Q17. Epidemiology is "the study of the _____ and the determinants of the health related states or events in a specified population, and the application of the study to the _____ of health problems:

- A. Frequency, treatment
- B. Distribution, treatment
- C. Frequency, control
- D. Distribution, control

Q18. According to legionnaire's disease, one of the following is incorrect:

- A. There are a connection exist between staying in hotel A and becoming ill
- B. Older persons are somehow more susceptible to the disease
- C. Legionella bacterium was identified to be the cause of this disease as it is found to be
- breeding in the cooling tower of the hotel's air-conditioning system
- D. CDC have reported cases of severe gastrointestinal illness among the attendees of the
- American legion convention
- E. None of the above

Q19. Epidemiology triad model is applied for one of these diseases:

- A. Diabetes
- B. Depression
- C. Measles
- D. Cardiovascular diseases
- E. All of the above

Q20. Factors influence whether exposure to an organism will result in a disease are, except:

- A. Pathogenicity
- B. Infectivity
- C. Virulence
- D. Dose
- E. None of the above

Answer: E

Q21. Example of horizontal transmission:

- A. HIV
- B. Hepatitis C
- C. Children toys
- D. Rubella
- E. Syphilis

Answer: C

Q22. How we can increase the prevalence:

- A. Decrease the incidence rate
- B. Increase the recovery rate
- C. Increase the Average duration of the disease
- D. None of the above

Q23. Example of incidence rate:

- A. Cumulative incidence
- B. Incidence density
- C. Attack rate
- D. Case fatality rate
- E. All of the above

Answer: E

Q24. Public health is the science & art of ____ diseases, prolonging life, and promoting health:

- A. Managing
- B. Curing
- C. Preventing
- D. None of the above

Answer: C

Q25. Which of the following John Snow claimed was the reason of Cholera in London:

- A. Miasma
- B. Contaminated food
- C. Contaminated water pumps
- D. None of the above

Q26. Which of the following factors influences the exposure of a host:

- A. X-ray
- B. Economics
- C. Diet
- D. Anatomical structure

Answer: C

Q27. Which of the following statements is incorrect regarding carriers?

- A. Carriers represent the tip of the iceberg
- B. Carriers are individuals who are in the incubation phase of a disease
- C. Carriers are individuals who have recovered but still harbor the disease
- D. None of the above
- E. All of the above

Q28. Given the data in the table comparing the incidence of hypertension between smokers

and non-smokers in a cohort study examining the association between smoking and hypertension, calculate the relative risk of developing hypertension for smokers compared to non-smokers:

Group		Number of individuals without hypertension
Smokers (exposed)	50	350
Non-smoker(non-exposed)	10	590

A. 10.3

B. 7.5

C. 0.3

D. 0.13

E. 0.02

Q29. Which of Hill's nine criteria best describes the causal relationship?

- A. Biological gradient
- B. Temporality
- C. Consistency
- D. Analogy

Q30. One of these types of epidemiological studies Cannot be used to test hypothesis:

- A. Observational studies
- B. Ecological studies
- C. Experimental studies
- D. Cross-sectional
- E. Case control

Q31. One of the following is incorrect about cohort studies:

- A. It's require a study group and a control group
- B. The strongest observational study
- C. Temporal relationship is Known
- D. Measure the incidence of the disease
- E. The data mainly collected retrospectively

Q32. To Estimate the disease risk associated with the exposure we use :

- A. Chi-square
- B. RR
- C. AR
- D. OR
- E. All of the above

Q33: Which of the following is INCORRECT about Bias and confounding?

- a. When confounding variables are known, the effect may be fixed.
- b. Bias is a systematic error in a study and cannot be fixed if introduced into the study.
- c. Bias affects validity of the study
- d. Bias can result in association that does not truly exist.
- e. Confounding can be avoided in the analysis stage by randomization

Answer: e

Q34: In public health, and as a control measure, using the COVID-19 vaccine during COVID-19 pandemic is directed against which of the following parts of the chain of infection?

- a. Mode of transmission
- b. Portal of Entry
- c. Portal of exit
- d. Reservoir
- e. susceptible host

Q35: Which of the following is NOT a characteristic of the prevalence of a disease?

- a. It measures the rapidity with which new cases arise
- b. It depends on the incidence of disease
- c. It can be used to help determine the health care needs of a community
- d. It includes all of the existing cases of disease in a community
- e. It changes with the duration of the disease

Q36: Describing the case of Legionnaire's Disease, which of the following sentences refers to the "Application" part in the definition of epidemiology?

- a. July 21 through 24, 1976, in Philadelphia, a large number of attendees were admitted to 100 hospital
- b. Results of a case-control study indicated that spending time in the lobby of Hotel A

was a risk factor.

- c. In January 1977, the Legionella bacterium was identified and isolated.
- d. The investigation lead to development of new regulations for climate control systems.
- e. During July 26 to August 1, a total of 18 conventioneers died from severe pneumonia.

Q37. Lifestyle is indicated as a risk factor for coronary heart diseases. According to the classic epidemiologic, lifestyle belongs to which of the following?

- a. Environmental factors.
- b. Agent factors.
- c. This theory does not apply to CHD
- d. Host factors

Q38. A case-control study comparing breast cancer incidence in women who do not use Calcium supplements compared to women who use Calcium supplements. Given the data below, calculate the odd ratio:

	Disease cases	Non- diseased control
No calcium suppelments	75	25
Calcium supplements	25	75

A. 3

B. 9

C. 0.11

D. 0.3

Answer: B

Q39. Which historical figure is known for the statement," Healthy mind in a healthy body," and emphasized the role of Environment and behavior in

- A) Whealth?
- B) John graunt
- C) Hippocrates
- D) James lind

Answer: c

Q40. Which of the following statements is correct about epidemiology:

- A. John snow identified the cause of cholera in London in 1954
- B. Epidemiology flourished as a scientific discipline in 1940s
- C. Smog increased mortality rate by 10 times

Health management and motivation

Q1. The function of management that concentrates on initiating action in the organization through effective leadership and motivation of and communication with subordinates is

- A- Controlling
- **B- Planning**
- C- Organizing
- **D- Staffing**
- E- Directing

Q2. According to Maslow's hierarchy of needs, if a person's esteem needs have been satisfied, then it is safe to assume that all of the following needs have also been satisfied, EXCEPT:

- A- Belonging
- **B- Employment**
- C- Autonomy
- **D- Safety**
- E- Affection

Q3. It is recommended in the literature on employees' motivation to give employees----compliment(s) for every criticism

```
A- 2
```

B- 5

C- 1

D- 4

E- 3

Q4. Which of the following is one of the hygiene factors identified by Herzburg

- A- Advancement
- **B-** Recognition
- C- Responsibility
- **D- Working conditions**
- **E- Achievement**

Q5. "Satisfaction progression" is associated with which theory of motivation?

- A) Reinforcement theory
- B) Maslow "hierarchy of needs"
- C) Goal-Setting theory
- D) Self-Determination theory
- E) Adam Equity theory

Q6. According to AH Maslow, employment is a _____ need.

- A) Belonging
- B) Safety
- C) Self-actualization
- D) Physiological
- E) Self-esteem

Q7. The leader sets high performance standards for their employee, is in which leadership style?

- A) Coercive
- B) Participative
- C) Pacesetting
- D) Coaching
- E) Autocratic

Q8. When the manager ignores the behavior of the employee, it is an example of:

- A) Positive reinforcement
- B) extinction
- C) growth
- D) punishment
- E) negative reinforcement

Q9. Equity theory of motivation focuses on:

ANSWER: People's perception of how fairly they must be treated when compared to others.

Q10. Management function that is related to developing and maintaining workforce through strategies:

- A) Staffing
- B) Directing
- C) Responding
- D) Organizing
- E) Controlling

ANSWER: A

Q11. The most common organizational structure for healthcare organizations is:

- A) Matrix structure
- B) Network structure
- C) Team based
- D) Service line management
- E) Functional structure

Q12. One of the following refers to utilization of resources to achieve organization objectives:

- A) Organizing
- B) Planning
- C) Staffing
- D) Controlling
- E) Dictating

Q13. Which of the following is related to low level motivators:

- A) Salary
- B) Supervisors
- C) Work conditions
- D) All the above

Q14. Alderfer which postulated that individuals would move in and out of the various levels depending upon the extent to which their needs were being met. This termed as satisfaction-regression principle:

- A) TRUE
- B) FALSE

Q15. Elimination any reinforcement that is maintaining behavior is called:

- A) Positive reinforcement
- B) Negative reinforcement
- C) Extinction
- D) Punishment
- E) None of the above

Q16. Who proposed that individuals are motivated when their behavior are reinforced?

- A) Skinner
- B) Maslow
- C) Hall
- D) Alderfer

Answer: A

Q17. Hygienes are related to "Job content" while motivators are related to "Job context":

- A) TRUE
- B) FALSE

Answer: B

Q18. Ali is a medical student who wants to be a surgeon in the future because he seeks autonomy, Personal growth, and development not only that but also status and recognition. Which level of Maslow's hierarchy of needs does he want to achieve and progress?

- A) Self-actualization
- B) Esteem
- C) Love/belonging
- D) Safety
- E) Physiological

Q19. The employees are self-motivated and highly competent:

- A) Coaching
- B) Pacesetting leadership
- C) Participative leadership
- D) Coercive leadership
- E) None of the above

Q20. One of the following is correct about the Adam's equity theory:

- A. Employees are motivated when they perceive they are treated equitably in comparison to others within the organization
- B. Employees are motivated by the performance and expected outcomes of their

own behavior

C. Goals motivate people to work harder

Q21. Which of the following is considered hygiene according to Herzberg?

- A. Achievements
- B. Work conditions
- C. Responsibility

Q22. The mission of an organization refers to its:

- A. Purpose
- B. Future
- C. Culture

Answer: A

Q23. Which of the following are internal factors of SWOT Analysis?

- A. Opportunities & Threats
- B. Strengths & Weaknesses
- C. Strengths & Threats

Q24. Which of the following structure provides service for patients who share same attributes?

- A. flat
- B. service-line
- C. matrix
- D. functional

Q25.One of the following organizational structures is used to serve same patients attitudes.

- A. Flat
- B. functional
- C. matrix
- D. service line

Q26. Organization's culture

Answer: value

Q27. Utilize resources

Answer: organization

Q.28 Regarding to Maslow theory, the autonomy, self development and growth is related to:

Answer: self-actualization

Q.29 Which one of the following is considered low level motivators?

A-salary

B- privacy

C- work conditions

D- all of above

Additional Resources:

رسالة من الفريق العلمي:



For any feedback, scan the code or click on it.



Corrections from previous versions:

Versions	Slide # and Place of Error	Before Correction	After Correction
V0 → V1			
V1 → V2			