

Group of Paper :: MPH

Q. No. 1 0341001	The Bhopal gas tragedy is an example of
Option A	Point source epidemic
Option B	Continuous epidemic
Option C	Propagated epidemic
Option D	Slow epidemic
Correct Option	A

Q. No. 2 0341002	Disability-free life expectancy is measured by
Option A	Human development index
Option B	Physical quality of life index
Option C	Sullivan's index
Option D	Chandler's index
Correct Option	C

Q. No. 3 0341003	A total of 200 patients with glaucoma were followed up annually for a period of ten years to assess complications. Such a study design is called
Option A	Case series
Option B	Case-control
Option C	Clinical trial
Option D	Cohort study
Correct Option	D

Q. No. 4 0341004	Positive predictive value is MOST affected by
Option A	Relative risk
Option B	Prevalence
Option C	Odds Ratio
Option D	Attributable risk
Correct Option	B

Q. No. 5 0341005	Berksonian bias is a type of
Option A	Selection bias
Option B	Recall bias
Option C	Information bias
Option D	Interviewer bias
Correct Option	A

Q. No. 6 0341006	For negatively skewed data, the mean will be
Option A	One
Option B	More than the median
Option C	Less than the median
Option D	Equal to the median
Correct Option	C

Q. No. 7 0341007	Q-test is used to detect
Option A	Interquartile range
Option B	Outliers
Option C	Difference of means
Option D	Difference of proportions

Correct Option	B
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Q. No. 8 0341008	Which of the following diseases is known as the "Barometer of Social Welfare"?
Option A	Cholera
Option B	Malaria
Option C	Leprosy
Option D	Tuberculosis
Correct Option	D

Q. No. 9 0341009	The transition from increased prevalence of infectious diseases to manmade diseases is known as
Option A	Paradoxical transition
Option B	Reversal of transition
Option C	Epidemiological transition
Option D	Demographic transition
Correct Option	C

Q. No. 10 0341010	Who discovered the transmission of malaria by Anopheline mosquitoes?
Option A	Laveran
Option B	Ronald Ross
Option C	Muller
Option D	Pampana
Correct Option	B

Q. No. 11 0341011	In which of the following study the exposure and outcome is measured at the same time?
Option A	Cross-sectional study
Option B	Case-control study
Option C	Retrospective cohort study
Option D	Prospective cohort study
Correct Option	A

Q. No. 12 0341012	Which of the following is NOT a modifiable risk factor for non-communicable diseases?
Option A	Excess salt intake
Option B	Overweight
Option C	Air pollution
Option D	Family history
Correct Option	D

Q. No. 13 0341013	Which of the following is NOT a consequence of India's high burden of non-communicable diseases?
Option A	Loss of work productivity
Option B	High childhood mortality
Option C	Increasing health expenditure
Option D	Increasing demand for specialist care
Correct Option	B

Q. No. 14 0341014	Which of the following measures is commonly used to define obesity?
Option A	Height
Option B	Body Mass Index
Option C	Head circumference
Option D	Blood pressure
Correct Option	B

Q. No. 15 0341015	Which of the following study design is best suited to study the association between meat intake and colorectal carcinoma?
Option A	Cross-sectional study
Option B	Case-control study
Option C	Retrospective cohort study
Option D	Prospective cohort study
Correct Option	B

Q. No. 16 0341016	Which of the following cancers can be prevented using a vaccine?
Option A	Oral cancer
Option B	Breast cancer
Option C	Cervical cancer
Option D	Prostate cancer
Correct Option	C

Q. No. 17 0341017	An investigator wants to explore the reasons for domestic violence in rural households. Which among the following will be the MOST appropriate method of data collection?
Option A	Call from an unknown number and collect details
Option B	Through a mailed questionnaire to college students
Option C	Focus group discussion with police officers
Option D	In-depth interviews of women in the community
Correct Option	D

Q. No. 18 0341018	Public Health is best described as the:
Option A	way to understand how social and economic conditions impact disease and the practice of medicine
Option B	application of healthcare measures to prevent diseases
Option C	science and art of preventing disease, prolonging life and promoting health
Option D	way of providing healthcare to vulnerable population
Correct Option	C

Q. No. 19 0341019	Which of the following is NOT a building block of health system as proposed by WHO?
Option A	Health services
Option B	Human resources for health
Option C	Leadership and Governance
Option D	Artificial Intelligence
Correct Option	D

Q. No. 20 0341020	Which one of the ICMR institutes runs the Cancer Registry programme in India?
Option A	National Centre for Disease Informatics and Research
Option B	National Institute of Epidemiology
Option C	National Institute of Tuberculosis Research
Option D	National Institute of Medical Statistics
Correct Option	A

Q. No. 21 0341021	Which of the following is TRUE about the standard normal curve?
Option A	Smooth and asymmetrical curve
Option B	The total area of the curve is 0.5
Option C	The mean is zero
Option D	The mean, median and mode don't coincide.
Correct Option	C

Q. No. 22 0341022	The pandemic that occurred in 2009 was due to which of the following Influenza A virus?
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Option A	H1N1
Option B	H5N1
Option C	H5N7
Option D	H3N2
Correct Option	A

Q. No. 23 0341023	Droplet precaution and isolation are to be done for all of the following conditions EXCEPT
Option A	Pertussis
Option B	Diphtheria
Option C	Localized varicella zoster
Option D	Mycoplasma pneumonia
Correct Option	C

Q. No. 24 0341024	According to IMNCI, which of the following is the KEY clinical sign for pneumonia classification?
Option A	Nasal flaring
Option B	Wheezing
Option C	Cough
Option D	Fast breathing
Correct Option	D

Q. No. 25 0341025	Venkatraman-Ramkrishnan medium was used as a transport media for samples which of the following condition?
Option A	Cholera
Option B	Rota virus
Option C	Influenza A
Option D	Tuberculosis
Correct Option	A

Q. No. 26 0341026	According to NTEP, how would you classify a TB patient who had taken anti-tubercular drugs for only 3 weeks in the past?
Option A	New case
Option B	Previously treated case
Option C	Treatment after loss to follow-up
Option D	Recurrent TB case
Correct Option	A

Q. No. 27 0341027	Which of the following is an example of disability limitation for Poliomyelitis?
Option A	Polio immunization drives for infants to reduce the occurrence
Option B	Arranging for schooling for a child suffering from residual polio paralysis
Option C	Resting the limbs affected by polio in a neutral position
Option D	Providing calipers for walking to patients affected by polio
Correct Option	C

Q. No. 28 0341028	A person is involved in unsafe sexual practices. Which viruses are least likely to get transmitted via this route?
Option A	Hepatitis A
Option B	Hepatitis C
Option C	Hepatitis D
Option D	Hepatitis E
Correct Option	D

Q. No. 29 0341029	Which of the following statements is FALSE about the Rotavirus vaccine?
Option A	Rotavirus vaccine is administered in three doses
Option B	It cannot be given in immunocompromised individuals

Option C	The first dose of the vaccine is contraindicated for infants of less than 12 weeks
Option D	It is not a part of catchup vaccination programmes
Correct Option	A

Q. No. 30 0341030	A medical intern sustains a needle stick injury while drawing blood from a Hepatitis B-positive patient. Assuming that he has been infected, which among the following will be the first to rise?
Option A	Anti-HBs
Option B	Anti-HBc
Option C	HBeAg
Option D	HBsAg
Correct Option	D

Q. No. 31 0341031	You are a medical officer posted in a village. The village has been affected by the epidemic of cholera. What is the first step that should be taken to decrease the incidence of the disease?
Option A	Safe water supply and sanitation
Option B	Cholera vaccination to all uninfected individuals
Option C	Mass chemoprophylaxis
Option D	Treat everyone in the village with tetracycline
Correct Option	C

Q. No. 32 0341032	Which of the following diseases need NOT be notified by the national health authority under the International Health Regulations?
Option A	Plague
Option B	Cholera
Option C	Yellow fever
Option D	Measles
Correct Option	D

Q. No. 33 0341033	Which vector is MOST likely responsible for malaria in a hilly area?
Option A	Anopheles Stephensi
Option B	Anopheles Fluviatilis
Option C	Anopheles Culicifacies
Option D	Anopheles Sundaicus
Correct Option	B

Q. No. 34 0341034	According to WHO, an Aedes aegypti index of which of the following must be maintained to achieve zero risk of spread of Yellow Fever?
Option A	< 0.1%
Option B	< 0.5%
Option C	< 1 %
Option D	< 5 %
Correct Option	C

Q. No. 35 0341035	Which parameter is used to measure the operational efficiency of malaria control?
Option A	Annual parasite index
Option B	Slide positivity rate
Option C	Annual falciparum incidence
Option D	Annual blood examination rate
Correct Option	D

Q. No. 36 0341036	Prevention of the emergence or development of risk factors in a population is known as
Option A	Primordial prevention
Option B	Primary prevention
Option C	Secondary prevention
Option D	Tertiary prevention

Correct Option	A
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Q. No. 37 0341037	An outbreak of Kyasanur Forest Disease occurred among a group of forest officers in Karnataka. Which of the following vectors should be targeted to prevent the further spread of the disease?
Option A	Tick
Option B	Sandfly
Option C	Mosquito
Option D	Mite
Correct Option	A

Q. No. 38 0341038	What are the common modes of transmission of HIV in India in descending order?
Option A	Transplacental, homosexual, heterosexual
Option B	Homosexual, heterosexual, transplacental
Option C	Heterosexual, transplacental, homosexual
Option D	Heterosexual, homosexual, transplacental
Correct Option	C

Q. No. 39 0341039	Elimination of leprosy in India is defined as the prevalence of:
Option A	<1 per 1000
Option B	<1 per 10,000
Option C	<5 per 1000
Option D	<5 per 10,000
Correct Option	B

Q. No. 40 0341040	Which of the following organisms follow a bird-arthropod-human transmission route?
Option A	Malaria
Option B	Paragonimiasis
Option C	Plague
Option D	Japanese encephalitis
Correct Option	D

Q. No. 41 0341041	Standardized Mortality Ratio is a form of
Option A	Direct standardization
Option B	Indirect standardization
Option C	Crude mortality
Option D	Proportional mortality rate
Correct Option	B

Q. No. 42 0341042	Sustained Development Goal 3.8 deals with
Option A	Air pollution
Option B	Gender equality
Option C	Premature mortality due to cardiovascular disease
Option D	Universal health coverage
Correct Option	D

Q. No. 43 0341043	Under the Vitamin A prophylaxis program, what is the prophylactic dose of Vitamin A given to a child (1-6 years of age)?
Option A	0.5 lakh IU every 6 months
Option B	1 lakh IU every 6 months
Option C	1.5 lakhs IU every 6 months
Option D	2 lakhs IU every 6 months
Correct Option	D

Q. No. 44 0341044	Which of the following is NOT a diagnostic criterion for Severe Acute Malnutrition?
Option A	Loss of hair and nails
Option B	Weight for height/length is < -3SD of z-score
Option C	Presence of pedal oedema
Option D	Mid arm circumference is <11.5cm
Correct Option	A

Q. No. 45 0341045	Additional calorie required during Pregnancy in kcal/day
Option A	300
Option B	350
Option C	400
Option D	450
Correct Option	B

Q. No. 46 0341046	The MOST COMMON contributor for Infant Mortality Rate in India
Option A	Pneumonia
Option B	Diarrhea
Option C	Low birth weight
Option D	Prolonged labour
Correct Option	C

Q. No. 47 0341047	Pearl index is used to measure the
Option A	contraceptive needs
Option B	contraceptive acceptance rate
Option C	population control rate
Option D	contraceptive failure
Correct Option	D

Q. No. 48 0341048	All of the following are barrier methods of contraception EXCEPT
Option A	Lippes loops
Option B	Foam tablets
Option C	Diaphragm
Option D	Vaginal sponge
Correct Option	A

Q. No. 49 0341049	What is the target to be achieved for Total Fertility Rate to attain the replacement level of Net Reproduction Rate?
Option A	1.1
Option B	2.1
Option C	3.1
Option D	4.1
Correct Option	B

Q. No. 50 0341050	Which of the following deficiency during pregnancy leads to neural tube defect in baby?
Option A	Folic acid
Option B	Iron
Option C	Calcium
Option D	Vitamin C
Correct Option	A

Q. No. 51 0341051	Which of the following health programs/schemes focus on improving the quality of labour room facilities?
Option A	LaQshya

Option B	Janani Suraksha Yojana
Option C	Kayakalp
Option D	Poshan Abhiyaan
Correct Option	A

Q. No. 52 0341052	A management technique where benefits are expressed in monetary terms is known as
Option A	Cost-effectiveness analysis
Option B	Cost-accounting analysis
Option C	Cost-utility analysis
Option D	Cost-benefit analysis
Correct Option	D

Q. No. 53 0341053	Programme Evaluation and Review Technique is a type of
Option A	System analysis
Option B	Input Output analysis
Option C	Network analysis
Option D	Research technique
Correct Option	C

Q. No. 54 0341054	Open vial policy is applicable ONLY to
Option A	Measles vaccine
Option B	BCG vaccine
Option C	Rota virus vaccine
Option D	Oral Polio vaccine
Correct Option	D

Q. No. 55 0341055	One PHC is established per _____ population in tribal areas
Option A	5000
Option B	3000
Option C	20000
Option D	30000
Correct Option	C

Q. No. 56 0341056	Which of the following is used for monitoring food standards in the international market?
Option A	Codex Alimentarius
Option B	AGMARK
Option C	BIS
Option D	PFA standards
Correct Option	A

Q. No. 57 0341057	Which of the following is used for estimating chlorine demand of water?
Option A	Chlorometer
Option B	Horrock's apparatus
Option C	Double pot method
Option D	Berkefeld filter
Correct Option	B

Q. No. 58 0341058	The hardness of water is due to the presence of derivatives of calcium/ magnesium salts of all the following EXCEPT
Option A	Sulfates
Option B	Chlorides
Option C	Bicarbonates

Option D	Phosphates
Correct Option	D

Q. No. 59 0341059	Which of the following is an Indian labour law and social security measure aimed at guaranteeing 'the right to work' ?
Option A	Employees' Provident Funds & Miscellaneous Provisions Act, 1952
Option B	Unorganised Workers Social Security Act, 2008
Option C	Minimum Wages Act, 1948
Option D	Mahatma Gandhi National Rural Employment Guarantee Act, 2005
Correct Option	D

Q. No. 60 0341060	The science of fitting the job to worker to enhance human efficiency and well-being is known as
Option A	Enronomics
Option B	Phenomics
Option C	Ergonomics
Option D	Toponomics
Correct Option	C

Q. No. 61 0341061	The soiling index is used for the quality assessment of which of the following?
Option A	Air
Option B	Water
Option C	Soil
Option D	Noise
Correct Option	A

Q. No. 62 0341062	Herd immunity is NOT observed in
Option A	Polio
Option B	Tetanus
Option C	Measles
Option D	Diphtheria
Correct Option	B

Q. No. 63 0341063	Two thousand people were affected following the disaster. Which would be the appropriate triage colour for a patient who only got his arm broken?
Option A	Red
Option B	Green
Option C	Yellow
Option D	Black
Correct Option	B

Q. No. 64 0341064	Which of the following is NOT an indicator for calculating Global Hunger Index
Option A	Undernourishment
Option B	Child wasting
Option C	Under-five mortality
Option D	Maternal mortality
Correct Option	D

Q. No. 65 0341065	Expired or Discarded medicine should be discarded in
Option A	Red coloured bin
Option B	Yellow coloured bin
Option C	White coloured bin
Option D	Black coloured bin
Correct Option	B

Q. No. 66 0341066	Which of the following is the CORRECT sequence of the disaster management cycle?
Option A	Disaster->response->mitigation->preparedness
Option B	Disaster->preparedness->mitigation->response
Option C	Disaster->response->preparedness->mitigation
Option D	Disaster->mitigation->response->preparedness
Correct Option	A

Q. No. 67 0341067	Which of the following is the CORRECT pair of causative agents and disease?
Option A	Coal dust-Hay fever
Option B	Cane fiber-Siderosis
Option C	Cotton dust-Byssinosis
Option D	Hay dust-Anthracosis
Correct Option	C

Q. No. 68 0341068	The science which aims to improve the genetic endowment of the human population is called
Option A	Eugenics
Option B	Euthenics
Option C	Social genetics
Option D	Genetic counselling
Correct Option	A

Q. No. 69 0341069	Which of the following is the BEST source of birth and death data in the country?
Option A	Sample registration system
Option B	Civil registration system
Option C	Census
Option D	Hospital records
Correct Option	B

Q. No. 70 0341070	Follow-up of multibacillary leprosy cases should be done for a period of _____ years after completion of therapy.
Option A	Six months
Option B	One years
Option C	Two years
Option D	Five years
Correct Option	D

Q. No. 71 0341071	Attack rate
Option A	signifies lethality of the disease
Option B	is an incidence rate
Option C	is a prevalence rate
Option D	depends on incubation period of disease
Correct Option	B

Q. No. 72 0341072	The number of eligible couples per thousand people in India will be
Option A	100-120
Option B	125-145
Option C	150-180
Option D	210-230
Correct Option	C

Q. No. 73 0341073	Net protein utilisation value of egg is
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Option A	50
Option B	75
Option C	80
Option D	100
Correct Option	D

Q. No. 74 0341074	Dental caries is a nutritional-related condition which results from:
Option A	Deficiency of fluorine in drinking water.
Option B	Excess fluorine in water.
Option C	Excess nitrites in water.
Option D	Deficiency of chlorides in water
Correct Option	A

Q. No. 75 0341075	The body weight of a reference Indian adult man is
Option A	50 kg
Option B	55 kg
Option C	60 kg
Option D	65 kg
Correct Option	D

Q. No. 76 0341076	Which of the following is CORRECT regarding the daily upper limit of noise without substantial damage to hearing?
Option A	75 dB
Option B	85 dB
Option C	95 dB
Option D	105 dB
Correct Option	B

Q. No. 77 0341077	Which of the following statements is TRUE pertaining to prevalence?
Option A	Indicates the number of new cases in a defined population
Option B	Indicates the number of exposed persons developing the disease within the incubation period
Option C	It depends upon duration and incidence of illness
Option D	It doesn't provide any information about the magnitude of the disease
Correct Option	C

Q. No. 78 0341078	Which of the following is NOT a separate flexible pool under the National Health Mission?
Option A	Digital health
Option B	Reproductive and Child Health
Option C	Non-communicable diseases
Option D	Communicable disease
Correct Option	A

Q. No. 79 0341079	Which of the following is NOT a characteristic of an ASHA?
Option A	She is a voluntary worker
Option B	She belongs to a different village
Option C	Selected from the local community
Option D	Serves as a link between community and health system
Correct Option	B

Q. No. 80 0341080	Which of the following options define the neonatal period?
Option A	0 to 28 days
Option B	28 days to 12 months

Option C	1 to 4 years
Option D	5 to 14 years
Correct Option	A

Q. No. 81 0341081	The World Health Day is celebrated every year on
Option A	7 th February
Option B	7 th March
Option C	7 th April
Option D	7 th May
Correct Option	C

Q. No. 82 0341082	The Cigarette and Other Tobacco Products (Prohibition of Advertisement and Regulation of Trade and Commerce, Production, Supply and Distribution) Act was passed by Indian Parliament in
Option A	1999
Option B	2003
Option C	2008
Option D	2010
Correct Option	B

Q. No. 83 0341083	Which of the following is NOT a component of Rastriya Bal Swasthya Karyakram (RBSK)?
Option A	Defects at birth
Option B	Diseases in children
Option C	Deficiency conditions
Option D	Death in under five children
Correct Option	D

Q. No. 84 0341084	The reported incubation period of SARS-CoV-2 infection is
Option A	0-2 days from exposure
Option B	2-14 days from exposure
Option C	30-40 days from exposure
Option D	3 to 6 months from exposure
Correct Option	B

Q. No. 85 0341085	Rabies Immunoglobulin is indicated in which of the following condition?
Option A	Category I bite
Option B	Category II bite
Option C	Category III bite
Option D	Category II and III bite
Correct Option	C

Q. No. 86 0341086	Which of the following is NOT a component of APGAR score?
Option A	Heart rate
Option B	Respiratory effort
Option C	Muscle tone
Option D	Pallor
Correct Option	D

Q. No. 87 0341087	All of the following are principles of primary health care EXCEPT
Option A	Equitable distribution
Option B	Community Participation
Option C	Health Education
Option D	Intersectoral Coordination

Correct Option	C
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Q. No. 88 0341088	The energy value of breast milk is
Option A	50 kcal per 100ml
Option B	70 kcal per 100ml
Option C	100 kcal per 100ml
Option D	150 kcal per 100ml
Correct Option	B

Q. No. 89 0341089	As per the Special bulletin on Maternal mortality in India 2018-20, maternal mortality ratio in India is
Option A	30 per 100,000 live births
Option B	70 per 100,000 live births
Option C	97 per 100,000 live births
Option D	113 per 100,000 live births
Correct Option	C

Q. No. 90 0341090	The GATHER Approach is used in
Option A	chlorination of water
Option B	counselling technique
Option C	refuse disposal
Option D	data analysis
Correct Option	B

Q. No. 91 0341091	Which of the following is a small-scale water purification method?
Option A	Storage
Option B	Filtration
Option C	Disinfection
Option D	UV irradiation
Correct Option	D

Q. No. 92 0341092	Which of the following vaccine is administered by sub-cutaneous route?
Option A	Tetanus toxoid
Option B	BCG
Option C	Measles-Rubella
Option D	Rotavirus
Correct Option	C

Q. No. 93 0341093	All are zoonotic diseases, EXCEPT:
Option A	Brucellosis
Option B	Leptospirosis
Option C	Scabies
Option D	Rabies
Correct Option	C

Q. No. 94 0341094	Which of the following vaccine is MOST sensitive to heat?
Option A	OPV
Option B	BCG
Option C	Hepatitis B
Option D	Tetanus
Correct Option	A

Q. No. 95 0341095	A drug company is developing a new pregnancy-test kit for use on an outpatient basis. The company used the pregnancy test on 100 women who are known to be pregnant and found that 99 showed positive test result. Upon using the same test on 100 non-pregnant women, 90 showed negative result. What is the sensitivity of the test?
Option A	90%
Option B	Average of 90% and 99%
Option C	99%
Option D	100%
Correct Option	C

Q. No. 96 0341096	In UNICEF's GOBI-FFF Campaign, 'O' stands for:
Option A	Oral Contraceptives
Option B	Oral Rehydration Therapy
Option C	Obesity
Option D	Occupational hazards
Correct Option	B

Q. No. 97 0341097	In an outbreak of cholera in a village of 2000 population, 20 cases have occurred, and five have died. The case fatality rate is:
Option A	0.25%
Option B	1%
Option C	5%
Option D	25%
Correct Option	D

Q. No. 98 0341098	Framingham Heart Study is an example of
Option A	Case-control study
Option B	Cohort study
Option C	Cross-sectional study
Option D	Interventional study
Correct Option	B

Q. No. 99 0341099	Index case is
Option A	1st detected case of the communicable disease in a community
Option B	1st case to come to the attention of the investigator
Option C	1st treated case
Option D	1st detected case developing after contact with primary case
Correct Option	B

Q. No. 100 0341100	Which of the following methods represents an INDIRECT mode of transmission?
Option A	Direct contact
Option B	Droplet infection
Option C	Transplacental
Option D	Droplet nuclei
Correct Option	D