

PROVISIONAL ANSWER KEY

Question 45/2024/OL

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Department Medical Education

Question1:-All are true about Ayushman Bharath Yojana except.

A:-Health and Wellness Centres are renamed as Ayushman Arogya Bhavan

B:-'Ayushman App' is a mobile application launched by National Health Authority to provide different modes of authentication for Ayushman Card creation

C:-"Aapke Dwar Ayushman" campaign is launched by National Health Authority (NHA) as part of Ayushman Bhava campaign

D:-Ayushman Bhava initiative is a part of Ayushman Bharat PM-JAY

Correct Answer:- Option-A

Question2:-Which of the following statements are true ?

I. Eat Right Summit 2023 was organized by Food Safety and Standards of India.

II. Theme of Eat Right Summit 2023 was Vitamins and Minerals (Shri Anna).

III. According to 5th State Food Safety Index 2022-23, Kerala secured the first rank among larger states.

IV. According to 5th State Food Safety Index 2022-23, Maharashtra secured the first rank among larger States.

A:-II and III

B:-I, II and III

C:-I and III

D:-I and IV

Correct Answer:- Option-C

Question3:-Which disease is associated with DASH approach ?

A:-Diabetes

B:-Tuberculosis

C:-Polio

D:-Hypertension

Correct Answer:- Option-D

Question4:-Which of the following statement is false about POMPE disease ?

A:-It is a rare inherited disease

B:-It is the first recognized lysosomal storage disorder

C:-It is caused by a deficiency of the enzyme acid alphasglucosidase

D:-It results in the accumulation of glucose in cells, particularly in nerves

Correct Answer:- Option-D

Question5:-Which of the following statements are true about fortified rice kernels ?

- I. Fortified rice kernels contain FSSAI-prescribed micronutrients like Iron, Folic Acid, Vitamin D to normal rice.
- II. The ratio of Kernels to normal rice is 50 : 1.
- III. Coating, extrusion and dusting are key technologies for rice fortification.
- IV. Its distribution is under public distribution system.

A:-I and IV

B:-III and IV

C:-II and III

D:-I, II and III

Correct Answer:- Option-B

Question6:-The management technique used by all who plans a meal so that each part of the menu is completed at the same time is

A:-Program evaluation and review technique

B:-Planning-programming and budgeting system

C:-Work sampling

D:-Decision making

Correct Answer:- Option-A

Question7:-Which of the following statements are false according to REGISTRATION OF BIRTH AND DEATH (AMENDMENT) ACT, 2023 ?

- I. The Chief Registrar of India will maintain a national database of registered births and deaths.
- II. The Registrar General of India shall maintain a similar database at the state level.
- III. Any person aggrieved by any action or order of the Registrar or District Registrar may appeal to the District Registrar or Chief Registrar, respectively, within 21 days.
- IV. The Registrar General of India will work under Ministry of Health and family welfare.

A:-I and II

B:-II and III

C:-II, III and IV

D:-I, II, III and IV

Correct Answer:- Option-D

Question8:-Which of the following statement is false about the Rogi Kalyan Samithi ?

- I. Rogi Kalyan Samithi is function as a government body.
- II. It is a Registered society.
- III. Private agencies can be permitted to provide high tech services of MRI, CT scan etc.

IV. It consists of members like MLA/MP, Health officials, Local district officials, members from community etc.

A:-I

B:-II

C:-III

D:-IV

Correct Answer:- Option-A

Question9:-"6 × 6 × 6 " strategy is addressing to control

A:-Leprosy

B:-Diabetes

C:-Sexually transmitted disease

D:-Anemia

Correct Answer:- Option-D

Question10:-Which principle of Primary health care is applied in the theme of Bare-foot doctors in China ?

A:-Equitable distribution

B:-Community participation

C:-Intersectoral coordination

D:-Appropriate technology

Correct Answer:- Option-B

Question11:-Which is not a difference between Millenium Development Goal (MDG) and Sustainable Development Goal (SDG) ?

A:-MDG primarily focused on poverty reduction while the SDGs encompass a wide range of interconnected goals

B:-MDGs, primarily targeted the developed countries, while the SDGs are applicable to all countries, including developing ones

C:-SDG gave more importance to Human Rights and gender equality than MDG

D:-Transparency in reporting and accountability mechanisms are stronger in SDG compared to MDG

Correct Answer:- Option-B

Question12:-One Health Approach is dealing with all except

A:-Antimicrobial resistance

B:-Zoonotic diseases

C:-Non-communicable diseases

D:-Food safety

Correct Answer:- Option-C

Question13:-Which of the following statements are true ?

- I. There are five types of Malarial parasites.
- II. RTS, S/AS01 (RTS, S) malaria vaccine can be used for prevention of *P. falciparum* malaria.
- III. Malaria vaccine 'Mosquirix' it is a mRNA vaccine.

A:-I only

B:-I and II

C:-II and III

D:-I, II and III

Correct Answer:- Option-B

Question14:-Some key initiatives by India to contain antimicrobial resistance are all except

- I. "Delhi declaration on antimicrobial resistance" in September 2011.
- II. "National Programme on Containment of Antimicrobial Resistance" was launched under the ^{12th} five-year plan which included Schedule H2.
- III. "Medicines with the Red Line" media.
- IV. Food Safety and Standards Authority of India (FSSAI) released "Antibiotic Residues limits" in food from animal origin.

A:-I and II

B:-II and III

C:-I and III

D:-II and IV

Correct Answer:- Option-A

Question15:-Who is known as the father of public health ?

A:-Tuberculosis

B:-John Snow

C:-Cholera

D:-Louis Pasteur

Correct Answer:- Option-C

Question16:-The pioneer in concept of specific protection with immunization was

A:-Early Roman physicians

B:-Edward Jenner

C:-Louis Pasteur

D:-Early Chinese physicians

Correct Answer:- Option-D

Question17:-Which of the following statements are true ?

- I. World Environment Day is celebrated every year on ^{5th} June.
- II. It is celebrated as part of WHO Environment Programme to build awareness to save life on

planet Earth.

III. Host of the World Environment Day 2023 was the West African country of Côte d'Ivoire, in

partnership with the Holand with theme 'Beat Plastic Pollution.'

IV. Ministry of Environment, Forest and Climate Change, India on occasion of WED 2023

launched two schemes named Amrit Dharohar and MISHTI.

A:-I and II

B:-I and III

C:-I and IV

D:-I, II and III

Correct Answer:- Option-C

Question18:-The following statements are false about mRNA vaccine.

I. mRNA vaccines use Messenger RNA to teach our cells how to make a carbohydrate

molecule that triggers an immune response inside our bodies.

II. "Robust immune response" has been observed against the Covid-19 spike protein in mice

upon administration of two doses of the mRNA.

III. The anti-spike antibodies generated were found to be more than 90% efficient in preventing the human ACE1 receptor binding to the Coronavirus.

IV. mRNA vaccines are fully synthetic and do not require a host for growth.

A:-I and II

B:-II and III

C:-I and III

D:-III and IV

Correct Answer:- Option-C

Question19:-The funding agency for Global Alliance for Vaccine and Immunization (GAVI) is

A:-UNICEF

B:-WHO

C:-Ford foundation

D:-Bill and Melinda Gates foundation

Correct Answer:- Option-D

Question20:-Which one measure the degree of attainment of the predetermined objectives and targets of a health programme in terms of health benefits, problem reduction or an improvement in health situation ?

A:-Effect

B:-Effectiveness

C:-Efficiency

D:-Impact

Correct Answer:- Option-B

Question21:-Following are differences of Anophelini and Culicini species of mosquito except

I. Anophelini mosquitoes lay eggs in single whereas culicine mosquito lays eggs in rafts.

II. Larvae of Anophelini mosquitoes will lie suspended with head downwards at an angle to

water surface whereas culicine mosquito larvae lie parallel to water surface.

III. Siphon tube of pupae of Anophelini mosquitoes is narrow and short and Siphon tube of

pupae of culicine mosquito is long and broad.

IV. Wings of the Anophelini mosquitoes are unspotted and wings of the culicine mosquito

is spotted.

A:-I, II, III

B:-II, III and IV

C:-I, III, IV

D:-I, II, III, IV

Correct Answer:- Option-B

Question22:-All are insecticides of the category "Synthetic contact poison" except

A:-DDT

B:-Lindane

C:-BHC

D:-Pyrethrum

Correct Answer:- Option-D

Question23:-Following statements are true about Universal Health Coverage.

I. Universal Health Coverage ensure health services for all Indian citizens in any part of the

country, regardless of income level, social status, gender, caste or religion.

II. Government must the guarantor, enabler and the only provider of health and related

services.

III. The High-Level Expert Group (HLEG) on Universal Health Coverage set up by the planning

Commission to define a comprehensive strategy for health for the Twelfth Five Year Plan

recommended that, Government should increase public expenditure on health from the

current 1.2% of GDP to at least 6% of GDP by 2022.

IV. The High-Level Expert Group (HLEG) on Universal Health Coverage also recommended that

General taxation should be used as the principal source of healthcare financing.

A:-I and II

B:-I and III

C:-I and IV

D:-I, II and III

Correct Answer:- Option-C

Question24:-Which of the following statements are false ?

I. TB National Strategic Plan (NSP) (2017 – 2025) has three pillars which are Detect –

Treat – Prevent – Build.

II. National Tuberculosis Elimination Programme (NTEP) aims to eliminate TB in India by 2025.

III. Pradhan Mantri TB Mukht Bharat Abhiyan (PMTBMBA), 2022 – Also known as Nishay

Mitra initiative in which one can adopt TB patients and provide them with monthly treatment support.

IV. Ayushman Bharat Digital Health Mission-Under it, digital health IDs for TB patients have

been created for better monitoring and treatment.

A:-I and II

B:-II and III

C:-III and IV

D:-I and III

Correct Answer:- Option-D

Question25:-All terms are concerned with inventory control in a PHC except

A:-One bin method

B:-Maximum order level

C:-Buffer stock

D:-Lead time

Correct Answer:- Option-A

Question26:-If a person's fasting blood glucose value is more than or equal to 110 mg/dl and less than 126 mg/dl, and the two-hour post glucose load is not more than 140 mg/dl, the person is considered to have

A:-Diabetes

B:-Impaired glucose tolerance

C:-Impaired fasting glucose

D:-Suspected diabetes

Correct Answer:- Option-C

Question27:-"*Isoated systolic hypertension*" is defined as

A:-A systolic blood pressure of 120 mm of Hg or more

B:-A systolic blood pressure of 140 mm of Hg or more

C:-A systolic blood pressure of 120 mm of Hg or more and a diastolic blood pressure of less than 90 mm of Hg

D:-A systolic blood pressure of 140 mm of Hg or more and a diastolic blood pressure of less than 90 mm of Hg

Correct Answer:- Option-D

Question28:-The prevalence of hypertension among men and women as per the findings of the National Family Health Survey NFHS-5 are _____ and _____ respectively.

A:-24 percent and 21 percent

B:-21 percent and 24 percent

C:-21 percent and 15 percent

D:-15 percent and 21 percent

Correct Answer:- Option-A

Question29:-Which of the following is not a provision of the “The Cigarettes and other Tobacco Products (Prohibition of Advertisement and Regulation of Trade and Commerce, Production, Supply and Distribution) Act, 2003” ?

A:-A prohibition of smoking in public places

B:-Prohibition of direct and indirect advertisement of cigarette and other products

C:-Prohibition of sale of cigarette and other tobacco products to a person below the age of 21 years

D:-Prohibition of sale of tobacco products near the educational institutions

Correct Answer:- Option-C

Question30:-Which of the following drugs is not part of the Kerala state treatment protocol for type 2 diabetes Mellitus ?

A:-Metformin

B:-Glimepiride

C:-Pioglitazone

D:-None of the above

Correct Answer:- Option-D

Question31:-According to the India Hypertension Control Initiative (IHCI), all patients above _____ years above visiting any primary health centre is to be subjected to blood pressure measurement.

A:-40 years

B:-30 years

C:-21 years

D:-18 years

Correct Answer:- Option-D

Question32:-Non Communicable Diseases Clinics function in a subcentre on

A:-Monday

B:-Tuesday

C:-Wednesday

D:-Thursday

Correct Answer:- Option-D

Question33:-The FAO/WHO committee suggested that after the age of 40 years, requirements should be reduced by _____ per cent per each decade until the age of 60, and by _____ per cent for each decade thereafter.

A:-2, 5

B:-5, 10

C:-3, 5

D:-5, 2

Correct Answer:- Option-B

Question34:-The Kerala Chronic Obstructive Pulmonary Disease (COPD) Prevention and control Program is called

A:-SWAAS (Stepwise Approach to Airway Disease)

B:-SICOD (State Initiative for Chronic Obstructive Disease)

C:-SSAD (State Strategy for Airway Disease)

D:-SWACOD (Stepwise Approach to Chronic Obstructive Disease)

Correct Answer:- Option-A

Question35:-Central obesity in women is defined by a

A:-Waist circumference of more than or equal to 90 cm

B:-Waist circumference of more than or equal to 80 cm

C:-Waist circumference of more than or equal to 85 cm

D:-Waist circumference of more than or equal to 95 cm

Correct Answer:- Option-B

Question36:-The recommended physical activity requirement for weight reduction is

A:-30 minutes/day

B:-45 minutes/day

C:-60 minutes/day

D:-75 minutes/day

Correct Answer:- Option-C

Question37:-Screening for cancer cervix after a population-based screening is to be conducted once in how many years according to the national programme ?

A:-Once in two years

B:-Once in five years

C:-Once in three years

D:-Once in ten years

Correct Answer:- Option-B

Question38:-The effect measure obtained from a case-control study without taking into consideration, variables other than the exposure and outcome is called

A:-Relative risk

B:-Crude odds ratio

C:-Adjusted odds ratio

D:-Rate ratio

Correct Answer:- Option-B

Question39:-The appropriate measure of dispersion for a variable that is normally distributed is

A:-Range

B:-Standard deviation

C:-Interquartile range

D:-Coefficient of variation

Correct Answer:- Option-B

Question40:-The probability of erroneously rejecting the null hypothesis when it is true is called

A:-Type I error

B:-Type II error

C:-1-alpha error

D:-1-beta error

Correct Answer:- Option-A

Question41:-Which test is used as the nonparametric equivalent of students t-test ?

A:-Chi-squared test

B:-Paired t-test

C:-F-test

D:-Mann Whitney 'U' test

Correct Answer:- Option-D

Question42:-If the sensitivity of a diagnostic test is 95%, it means

A:-95% of those with the disease will be test positive

B:-5% of those with the disease will be test positive

C:-95% of those without disease will be test positive

D:-5% of those without disease will be test positive

Correct Answer:- Option-A

Question43:-In a meta-analysis, the visual display of the results of individual studies and pooled estimates are given by a

A:-Scatter plot

B:-Box and Whisker plot

C:-Forest plot

D:-None of the above

Correct Answer:- Option-C

Question44:-If a diagnostic test is invariably correct the value of the Youden index will be

A:-0

B:-0.5

C:-1

D:--1

Correct Answer:- Option-C

Question45:-Informed voluntary consent protects the individual's freedom of choice. This is enshrined in which of the following ethical principles ?

A:-Beneficence

B:-Non-maleficence

C:-Justice

D:-Autonomy

Correct Answer:- Option-D

Question46:-The degree to which the results of a study are correct for the sample of patients being studied is called

A:-Internal validity

B:-External validity

C:-Precision

D:-Reliability

Correct Answer:- Option-A

Question47:-Trials which address the question, can the treatment help under ideal circumstances are

A:-Pragmatic trials

B:-Effectiveness trials

C:-Superiority trials

D:-Efficacy trials

Correct Answer:- Option-D

Question48:-What is the calorie and Recommended Daily Allowance (RDA) of protein required for a sedentary lactating mother weighing 60 kg and with a 3-month old infant ?

A:-1660 kcal, 49.8 gm protein

B:-2180 kcal, 62.8 gm protein

C:-2260 kcal, 66.8 gm protein

D:-2010 kcal, 60 gm protein

Correct Answer:- Option-C

Question49:-Analysis of a sample of cow's milk supplied to a house showed the following results :

Fat - 2 gm

Specific gravity – 900

Protein – 1.5 gm

Phosphatase test is positive

The quality of milk is

A:-Not adulterated, pasteurized milk

B:-Not adulterated, not pasteurized milk

C:-Adulterated, pasteurized milk

D:-Adulterated, not pasteurized milk

Correct Answer:- Option-D

Question50:-Global Hunger Index scores are based on the following indicators, except

A:-Under nourished population

B:-Child wasting

C:-Child stunting

D:-Infant mortality

Correct Answer:- Option-D

Question51:-The following is true for niacin except

A:-It is not metabolized in the body

B:-It is not excreted in urine

C:-It is synthesized from tryptophan

D:-It is an important component of co-enzyme

Correct Answer:- Option-A

Question52:-Anti-nutritional substance present in raw egg is

A:-Trans fatty acid

B:-Glutathione

C:-Avidin

D:-Co-enzyme Q.

Correct Answer:- Option-C

Question53:-Diet used in Nutritional Rehabilitation Center for the management of severe acute malnutrition during the initial stabilization phase and rehabilitation phase respectively is

A:-F-50 and F-100

B:-F-75 and F-100

C:-F-50 and F-75

D:-None of these

Correct Answer:- Option-B

Question54:-Recommended Daily Allowance of protein required for a 25 yr old pregnant house wife weighing 50 kg during the 2nd and 3rd trimester of pregnancy is

A:-51 gm, 63.5 gm

B:-42 gm, 53 gm

C:-55 gm, 65 gm

D:-58 gm, 63 gm

Correct Answer:- Option-A

Question55:-Protein Efficiency Ratio (PER) is

A:- $\frac{\text{Weight gain (g)}}{\text{Protein intake (g)}} \times 100$

B:- $\frac{\text{Energy obtained from protein}}{\text{Total energy in the food item}} \times 100$

C:- $\frac{\text{Nitrogen retained}}{\text{Protein intake}} \times 100$

D:- $\frac{\text{Nitrogen retained}}{\text{Nitrogen intake}} \times 100$

Correct Answer:- Option-A

Question56:-According to WHO criteria, which of the following are considered as evidence of Vit. A deficiency in a community survey conducted among pre-school children aged between 6 months to 6 years. Prevalence of

- i. Night blindness > 0.5%
- ii. Bitot spots > 1%
- iii. Corneal xerosis > 0.01%
- iv. Corneal ulcer > 0.05%
- v. Serum retinol < 10 mcg/dl > 5%

A:-Only i, ii, iii

B:-Only ii, iii, iv

C:-Only iii, iv, v

D:-Only iv, v, i

Correct Answer:- Option-C

Question57:-'Rashtriya Poshan Maah' theme for the year 2023 was

A:-Complementary feeding, Poshan ke liye paudha

B:-Poshan Vatika, Yoga and Ayush for nutrition

C:-Mahila Swasthya and Bachha Shiksha

D:-Nutrition rich India, Educated India and Empowered India

Correct Answer:- Option-D

Question58:-Calculate the quantity of bleaching powder required to disinfect a well measuring 4 m in diameter and 25 m in depth if the Horrock's apparatus shows

blue colour in 5th cup.

A:-6.9 kg

B:-7.85 kg

C:-10.5 kg

D:-8.4 kg

Correct Answer:- Option-A

Question59:-Analysis of water sample taken from an area showed the following results :

Turbidity 1 NTU

Hardness 300 mg/L

Fluorides 0.7 mg/L

Chloride 200 mg/L

Water quality can be improved by

A:-Nalgonda technique

B:-Sodium carbonate addition

C:-Chlorination

D:-Double pot method

Correct Answer:- Option-B

Question60:-Free chlorine in water is determined by

A:-Horrock's apparatus

B:-Multiple tube method

C:-Orthotolidine test

D:-High test hypochlorite

Correct Answer:- Option-C

Question61:-'smog' occurs due to

A:-Green house effect

B:-Temperature inversion

C:-Increased humidity

D:-Rainy season

Correct Answer:- Option-B

Question62:-Which of the following factors are used for measuring Corrected Effective Temperature (CET) ?

i. Air temperature

ii. Sweat rate

iii. Humidity

iv. Mean radiant heat.

A:-i, ii, iii

B:-ii, iii, iv

C:-iii, iv, i

D:-i, ii, iv

Correct Answer:- Option-C

Question63:-When 'wind' blows through a room it is called ?

A:-Diffusion

B:-Perflation

C:-Aspiration

D:-Transition

Correct Answer:- Option-B

Question64:-Disease transmitted by Hard tick are the following except

A:-Tularemia

B:-Human babesiosis

C:-Tick typhus

D:-Q Fever

Correct Answer:- Option-D

Question65:-The recommended unit for measurement of 'Luminous intensity' is

A:-Lumen

B:-Lux

C:-Candela

D:-Lambert

Correct Answer:- Option-C

Question66:-Rickettsial pox is transmitted by

A:-Mite

B:-Hard tick

C:-Soft tick

D:-Flea

Correct Answer:- Option-A

Question67:-Insecticide with no residual action is

A:-DDT

B:-Malathion

C:-Propoxur

D:-Pyrethrum

Correct Answer:- Option-D

Question68:-Father of "Occupational Health" is

A:-Nicholas Andry

B:-Bernardino Ramazzini

C:-Wilhelm Wundt

D:-Auguste Comte

Correct Answer:- Option-B

Question69:-The three domains of ergonomics are the following except

A:-Physical

B:-Economical

C:-Cognitive

D:-Organizational

Correct Answer:- Option-B

Question70:-Pneumoconiosis showing 'ground glass appearance' in $\frac{2}{3}$ rd of lung fields in chest X-ray is

A:-Asbestosis

B:-Silicosis

C:-Byssinosis

D:-Bagassosis

Correct Answer:- Option-A

Question71:-Under Indian Factories Act, 1948, a 'child' is defined as an individual who has not completed his

A:-14th yr

B:-15th yr

C:-16th yr

D:-18th yr

Correct Answer:- Option-B

Question72:-Which of the following statements are correct regarding employment of adolescents under the Factories Act, 1948 ?

- i. Adolescents are aged between 15 to 18 yrs.
- ii. Hours of work is 4½ hrs per day for adolescent.
- iii. Adolescent employee is allowed to work only between 6 am and 6 pm.
- iv. Adolescents are entitled to leave with wages for every 15 days of work.

A:-i, ii, iii

B:-ii, iii, iv

C:-i, iii, iv

D:-i, ii, iv

Correct Answer:- Option-D

Question73:-Type of ethics review in quality assurance audits

A:-Expedited review

B:-Exemption from review

C:-Extended review

D:-Full committee review

Correct Answer:- Option-B

Question74:-Match the following based on ethical consideration of consent :

- | | |
|---------------------------------------|--------------------------------|
| I. Disasters | K. Counsellor |
| II. Change the duration of follow up | L. Waiver of consent |
| III. Children between 7-12 years | M. Re-consent |
| IV. Witness of illiterate participant | N. Relative of the participant |
- parents
of parents
- O. Written assent and it must be signed by
P. Written assent
Q. Verbal assent obtained in the presence

A:-I-(P), II-(N), III-(L), IV-(K)

B:-I-(K), II-(O), III-(P), IV-(N)

C:-I-(L), II-(M), III-(Q), IV-(K)

D:-I-(P), II-(M), III-(O), IV-(N)

Correct Answer:- Option-C

Question75:-Which of the following is the most cost-effective treatment for the disease 'X' ?

Standard treatment : The cost for treating disease 'X' is Rs. 3,000, and the number of life years saved is 2.

Drug E : The cost for treating disease 'X' is Rs. 5,000 and the number of years of life saved was 5.

Drug F : The cost for treating disease 'X' is Rs. 6,000 and the number of years of life saved was 7.

Drug G : The cost for treating disease 'X' is Rs. 10,000 and the number of years of life saved was 8.

Drug H : The cost for treating disease 'X' is Rs. 15,000 and the number of years of life saved was 10.

A:-Drug H

B:-Drug G

C:-Drug E

D:-Drug F

Correct Answer:- Option-D

Question76:-Socratic method of communication involves

A:-Authoritative learning

B:-No influence on affective domain

C:-Active learning

D:-No feedback

Correct Answer:- Option-C

Question77:-No-Scalpel Vasectomy is an example of

A:-Social pathology

B:-Social control

C:-Social defence

D:-Social deviance

Correct Answer:- Option-B

Question78:-Which of the following statements are correct for Panel Discussion ?

1. It is a group of four to eight expert persons.
2. There is an order of speaking.
3. There is an active participation of audience.
4. Helps to explore a problem in many angles.

A:-1 and 2

B:-2 and 3

C:-1 and 4

D:-2 and 4

Correct Answer:- Option-C

Question79:-All are true about Medical Social Worker EXCEPT

A:-Forms a link between the hospital and the community

B:-Provide vaccination

C:-Trained in social case study

D:-Supplement medical history of a patient

Correct Answer:- Option-B

Question80:-There are two interventions, A and B, proposed for the TB elimination program in a district. However, funds are allocated for intervention A. What type of cost is this ?

A:-Marginal cost

B:-Incremental cost

C:-Minimum cost

D:-Opportunity cost

Correct Answer:- Option-D

Question81:-After the completion of a regulatory clinical trial, how many years must the research records be archived ?

A:-5 years

B:-2 years

C:-3 years

D:-10 years

Correct Answer:- Option-A

Question82:-All are true about Informed Consent Document (ICD) except

A:-Provide relevant information to the participants

B:-Continuous process

C:-Voluntariness of participation

D:-Only one part

Correct Answer:- Option-D

Question83:-"Free pratique" means

- i. Permission for a ship to enter a port, embark or disembark, discharge or load cargo or stores.
- ii. Permission for a voyage between points of entry in the territories of more than one state.
- iii. Permission for an aircraft, after landing, to embark or disembark, but not discharge or load cargo or stores.
- iv. Permission for a voyage between points of entry in the territory or territories of the same state.

A:-i and ii

B:-iii and iv

C:-i and iii

D:-None of the above

Correct Answer:- Option-C

Question84:-For how long is a Ship Sanitation Control Exemption Certificate valid ?

A:-2 months

B:-1 year

C:-6 months

D:-3 months

Correct Answer:- Option-C

Question85:-Following are the services of UNICEF (United Nations International Children's Fund) except

A:-Immunization

B:-Child nutrition

C:-Education

D:-TB control program

Correct Answer:- Option-D

Question86:-Which of the following is true regarding the prohibition of sales of cigarettes and tobacco products in the premises of educational institutions ?

A:-Strictly prohibited within a radius of one hundred yards and fine up to 2000 rupees

B:-Strictly prohibited within a radius of fifty yards and fine up to 200 rupees

C:-Strictly prohibited within a radius of one hundred yards and fine up to 200 rupees

D:-Strictly prohibited within a radius of one hundred yards and fine up to 500 rupees

Correct Answer:- Option-C

Question87:-According to the International Health Regulations 2005, which of the following diseases is considered notifiable with just a single case ?

A:-Severe acute respiratory syndrome

B:-Rabies

C:-Yellow fever

D:-Anthrax

Correct Answer:- Option-A

Question88:-Which is Regular periodic surveys under Integrated Disease Surveillance Project ?

A:-Respiratory diseases

B:-Sexually transmitted diseases

C:-Out door air quality

D:-NCD risk factors

Correct Answer:- Option-D

Question89:-Which of the following statement is correct for package of services for National Programme for Health Care Elderly at Community Health Centre ?

A:-Specialized geriatric clinic and no geriatric ward

B:-Twice a week geriatric clinic and five bedded geriatric ward

C:-Regular geriatric clinic and five bedded geriatric ward

D:-Twice a week geriatric clinic and no geriatric ward

Correct Answer:- Option-D

Question90:-Zero preventable maternal and newborn deaths and high quality of maternal care delivered with dignity and respect is the aim of which of the following ?

A:-Vandemataram scheme

B:-Pradhan Mantri Surakshit Matritva Abhiya

C:-Surakshit Matritva Aashwasan

D:-MAA Programme

Correct Answer:- Option-C

Question91:-All the following are Autosomal recessive disorders except

A:-Marfan's syndrome

B:-Maple syrup urine disease

C:-Cystic fibrosis

D:-Tay-Sachs disease

Correct Answer:- Option-A

Question92:-According to the Pre-conception and Pre-natal Diagnostic Techniques (Prohibition of Sex Selection) Act, in which of the following situations can a person

seek any prenatal diagnostic techniques except ?

A:-Pregnant woman's spouse has a family history of mental retardation

B:-Pregnant woman has undergone two or more spontaneous abortions

C:-Pregnant women with preeclampsia

D:-Pregnant woman above the age of 35 years

Correct Answer:- Option-C

Question93:-Match the following "Milestones of development" of a child :

P. 4-5 months

1. Joining words

Q. 9-10 months

2. First words

R. 6-8 months

3. Begin to reach out for objects

S. 18-21 months

4. Hide and seek

5. Release objects

A:-P-2, Q-4, R-5, S-1

B:-P-5, Q-1, R-3, S-2

C:-P-3, Q-5, R-4, S-1

D:-P-1, Q-2, R-3, S-4

Correct Answer:- Option-C

Question94:-What is the Child Survival Index of a country A if the under-five mortality rate of the country A is 58 per 1000 live births ?

A:-92.4

B:-94.2

C:-5.8

D:-9.2

Correct Answer:- Option-B

Question95:-When is Rh anti-D immunoglobulin given if both the mother and baby are Rh positive ?

A:-28 weeks and first week of delivery

B:-34 weeks and within 72 hours of delivery

C:-28 weeks, 34 weeks and within 72 hours of delivery

D:-28 weeks and within 72 hours of delivery

Correct Answer:- Option-D

Question96:-Which of the following statements are True (T) or False (F) ?

1. Length increment during second year of a baby is 10 cm.

2. For preventing anaemia, umbilical cord should be cut after pulsation ceases.

3. Aminocentesis is done during first trimester.

4. JSSK is a cross cutting intervention under RMNCH+A.

A:-1-T, 2-T, 3-F, 4-T

B:-1-F, 2-F, 3-T, 4-F

C:-1-F, 2-T, 3-F, 4-T

D:-1-T, 2-F, 3-T, 4-F

Correct Answer:- Option-C

Question97:-What is the total number of expected pregnancies in a year at a primary Health Centre if the total population is 20,000 and the birth rate is 12 per 1000 in that Primary Health Centre ?

A:-240

B:-264

C:-252

D:-276

Correct Answer:- Option-B

Question98:-Which of the following statement is False for L1 'Delivery point' under comprehensive RMNCH services except ?

A:-Minimum three normal deliveries including management of complications

B:-Minimum ten deliveries per month

C:-Minimum three normal deliveries per month

D:-Minimum five normal deliveries

Correct Answer:- Option-C

Question99:-Which of the following is the standard case management of major causes of neonatal and childhood morbidity ?

A:-Navjat Shishu Suraksha Karyakram

B:-Facility based Newborn Care

C:-Janani-Shishu Suraksha Karyakram

D:-Integrated Management of Neonatal and Childhood Illness

Correct Answer:- Option-D

Question100:-Which of the following are True (T) regarding the strategic interventions for care during labour and child birth under India Newborn Action plan ?

1. Skilled birth attendance
2. Antenatal corticosteroids in preterm labour
3. Counselling
4. Identification of complication and timely referral

A:-1, 2, 3 and 4

B:-1, 3 and 4

C:-2, 3 and 4

D:-1, 2 and 4

Correct Answer:- Option-D