

## PROVISIONAL ANSWER KEY

Question 142/2023/OL

Paper Code:

Category 327/2022

Code:

Exam: Junior Health Inspector Grade II

Date of Test 08-08-2023

Department Health Services

Question1:-The temporary structure that provide oxygenation to fetal blood and remove waste products from fetus which is in direct contact with endometrium of Uterus.

A:-Placenta

B:-Umbilical cord

C:-Fallopian tube

D:-Amniotic Sac

Correct Answer:- Option-A

Question2:-The area where interchange of gases take place in lungs

A:-Vestibule

B:-Infundibulum

C:-Capillary network of alveoli

D:-Terminal bronchioles

Correct Answer:- Option-C

Question3:-The mineral salt that is essential for coagulation of blood

A:-Sodium

B:-Potassium

C:-Phosphorus

D:-Calcium

Correct Answer:- Option-D

Question4:-Bone forming cells that secretes collagen and other constituents of bone tissue

A:-Chondroblasts

B:-Osteoblasts

C:-Osteoclasts

D:-Osteocytes

Correct Answer:- Option-B

Question5:-The lobe in the brain where the nerve impulse from sensory receptors in tongue are conducted along glossopharyngeal, facial nerves are reached

- A:-Parietal
- B:-Temporal
- C:-Frontal
- D:-Occipital

Correct Answer:- Option-B

Question6:-The cardiovascular centre is located in

- A:-Pons
- B:-Cerebellum
- C:-Mid brain
- D:-Medulla Oblongata

Correct Answer:- Option-D

Question7:-The Oculo-motor nerve that arise from nuclei of cerebral aqueduct supplies the following except

- A:-Six extrinsic muscles
- B:-Ciliary muscles
- C:-Muscles of iris
- D:-Lateral rectus muscle

Correct Answer:- Option-D

Question8:-The condition in adults resulting from excess of growth hormone secretion after ossification of bone is completed and results in thickening of soft tissues

- A:-Cretinism
- B:-Myxoedema
- C:-Acromegaly
- D:-Gigantism

Correct Answer:- Option-C

Question9:-The hormone that is produced by ovary which is similar to luteinising hormone that keeps corpus luteum intact and helps to secrete Oestrogen and Progesterone

- A:-HCG
- B:-FSH
- C:-Prolactin
- D:-None of these

Correct Answer:- Option-A

Question10:-The inter vertebral discs are formed by

- A:-Elastic cartilages
- B:-Fibro cartilages

C:-Hyaline cartilage

D:-Both elastic and fibro cartilage

Correct Answer:- Option-B

Question11:-Which of the following are not the advantages of oral route?

- I. It is a safe, convenient and economical route
- II. Self medication is possible
- III. Withdrawal of drug is possible
- IV. Absorption is rapid and quick

A:-Only I and III

B:-Only II and IV

C:-Only III

D:-Only IV

Correct Answer:- Option-D

Question12:-Which of the following route is chosen for sensitivity testing?

A:-Intramuscular

B:-Subcutaneous

C:-Intradermal

D:-Intravenous

Correct Answer:- Option-C

Question13:-Rubbing the drug on the skin

A:-Iontophoresis

B:-Inunction

C:-Jet injection

D:-Adhesive units

Correct Answer:- Option-B

Question14:-Heavy metals like arsenic and mercury are excreted through which organ

A:-Lungs

B:-Intestine

C:-Skin

D:-Bile

Correct Answer:- Option-C

Question15:-Unusual resistance to normal therapeutic dose of a drug

A:-Cumulation

B:-Tolerance

C:-Synergism

D:-Antagonism

Correct Answer:- Option-B

Question16:-Who developed vaccine for Rabies?

A:-Joseph Lister

B:-Robert Koch

C:-Edward Jenner

D:-Louis Pasteur

Correct Answer:- Option-D

Question17:-In bacteria extra nuclear genetic elements consisting of DNA are called

A:-Chromosomes

B:-Plasmids

C:-Nucleus

D:-Nucleic acid

Correct Answer:- Option-B

Question18:-A bacterium which requires much higher levels of carbon dioxide for growth are said to be

A:-Micro aerophilic

B:-Capnophilic

C:-Mesophilic

D:-Thermophilic

Correct Answer:- Option-B

Question19:-Staining method for demonstrating acid fast bacilli is

A:-Gram Stain

B:-Ziehl-Neelsen stain

C:-Albert's Stain

D:-Ponder's Stain

Correct Answer:- Option-B

Question20:-Which method does not belongs to sterilisation below 100 degree Celsius?

A:-Holder's method of pasteurisation

B:-Flash method of pasteurisation

C:-Tyndallisation

D:-Inspissation

Correct Answer:- Option-C

Question21:-ABC in emergency care - B stands for

A:-Bleeding

B:-Brain death

C:-Breathing

D:-Blood pressure

Correct Answer:- Option-C

Question22:-Primary way air enters and leaves the respiratory system

A:-Mouth

B:-Nose

C:-Larynx

D:-Pharynx

Correct Answer:- Option-B

Question23:-Condition in which the lung do not get sufficient supply of air for breathing

A:-Choking

B:-Hiccups

C:-Asphyxia

D:-Winding

Correct Answer:- Option-C

Question24:-Sudden involuntary and painful contraction of a muscle or group of muscles is called

A:-Strain

B:-Cramp

C:-Sprain

D:-Dislocation

Correct Answer:- Option-B

Question25:-In which type wound the soft tissues beneath the skin are damaged but the skin is not broken

A:-Incised wound

B:-Punctured wound

C:-Bruises

D:-Abrasion

Correct Answer:- Option-C

Question26:-Paleness of skin and mucous membrane either as a result of diminished circulating red blood cells or diminished blood supply is called

A:-Ulcer

B:-Swelling

C:-Pallor

D:-Rashes

Correct Answer:- Option-C

Question27:-Vomiting of blood is called

A:-Epistaxis

B:-Haematemesis

C:-Haemoptysis

D:-None of the above

Correct Answer:- Option-B

Question28:-Excessive Urination at night

A:-Dysurea

B:-Anuria

C:-Nocturia

D:-Pneumaturia

Correct Answer:- Option-C

Question29:-Pain while swallowing is called

A:-Dyspnoea

B:-Dysphagia

C:-Dyspepsia

D:-Odynophagia

Correct Answer:- Option-D

Question30:-Discharge from the ear

A:-Otalgia

B:-Otorrhoea

C:-Deafness

D:-Tinnitus

Correct Answer:- Option-B

Question31:-Which among the following produce a heat stable endotoxin?

A:-Salmonella

B:-Staphylococcal

C:-Clostridium botulinum

D:-None

Correct Answer:- Option-B

Question32:-Which of the following shows clinical signs in less than 10 per cent of infected individuals?

A:-Amoebiasis

B:-Typhoid

C:-Ascariasis

D:-Hook worm

Correct Answer:- Option-A

Question33:-Which of the following statement is not appropriate about low osmolarity ORS?

A:-Stool output is decreased by 20 per cent

B:-Vomiting is reduced by 30 per cent

C:-Need for unscheduled IV therapy is reduced by 33 per cent

D:-Expenditure is reduced by 50 per cent

Correct Answer:- Option-D

Question34:-Immunoglobulin is not advisable for

A:-Mumps

B:-Rabies

C:-Measles

D:-Varicella zoster

Correct Answer:- Option-A

Question35:-Which of the following is caused by corona virus?

A:-Influenza

B:-Nipah

C:-SARS

D:-All

Correct Answer:- Option-C

Question36:-Zeil-Neelsen staining is used for detecting

A:-HIV

B:-Leprosy

C:-TB

D:-Typhoid

Correct Answer:- Option-C

Question37:-Salk vaccine is a

A:-Killed vaccine

B:-Live attenuated vaccine

C:-Recombinant vaccine

D:-Polysaccharide vaccine

Correct Answer:- Option-A

Question38:-Which of the following is widely prevalent in India?

A:-Syphilis

B:-Chancroid

C:-Human papilloma virus

D:-Gonorrhoea

Correct Answer:- Option-D

Question39:-Which of the following is an important tool of community empowerment and participation?

A:-RKS

B:-VHSNC

C:-JSY

D:-JSSK

Correct Answer:- Option-B

Question40:-Responsible officer for the presumptive diagnosis under IDSP

A:-Lab technician

B:-Jr. Public Health Nurse

C:-Medical Officer

D:-Jr. Health inspector

Correct Answer:- Option-C

Question41:-Which one of the following disease is not Notifiable in India?

A:-Plague

B:-Cholera

C:-Mumps

D:-Measles

Correct Answer:- Option-C

Question42:-Mortality rate is defined by

A:-Number of death per 100 population

B:-Rate per 1000 live birth

C:-Number of death per 1000 population

D:-None of these

Correct Answer:- Option-C

Question43:-The ALMA ATMA declaration in 1978 stressed the need for

A:-Health for all by the year 2020

B:-Health for all by the year 2000

C:-Health for all by the year 1998

D:-None of these

Correct Answer:- Option-B

Question44:-Name the first chairman of "Health Surey and Development Committee" which was constituted by the Government of India (Under British rule) in 1943

A:-Sir Joseph Daniel



B:-Mudoliar

C:-Sir Joseph Bhore

D:-Mukherji

Correct Answer:- Option-C

Question45:-Planning Commission is now known as

A:-Nithi Nirman

B:-Nithi Ayog

C:-Prime Minister Yojana

D:-Planning Rosgar board

Correct Answer:- Option-B

Question46:-What do you mean by Gross Reproductive rate?

A:-Average number of girl that will be born by woman in her life

B:-Average number of girls that will be produced by woman considering some will die

C:-Number of death of woman from puerperal causes per 1000 live birth

D:-Number of infant deaths under one year of age per 1000 live birth in one year

Correct Answer:- Option-A

Question47:-EC Register contains details of

A:-Couple under the age group of 15 to 45 years

B:-The details of mother and child

C:-The details of adolescent age group

D:-The details of married woman

Correct Answer:- Option-A

Question48:-Which of the following activity is done in Hospitals?

A:-Active surveillance

B:-Passive Surveillance

C:-Mass survey

D:-Rapid fever survey

Correct Answer:- Option-B

Question49:-Which are the three registers among the given four that are common for JHI and JPHN?

1. General Information Register
2. Family Health Survey and followup with an index
3. Community education register
4. Individual register for National Health Programme

A:-1, 2, 3

B:-1, 2, 4

C:-1, 3, 4

D:-2, 3, 4

Correct Answer:- Option-A

Question50:-Breteau index is meant by

A:-Number of positive containers per 100 houses visited

B:-Percentage of water holding containers infected with larvae

C:-Percentage of houses inspected with larvae

D:-None of these

Correct Answer:- Option-A

Question51:-Which of the following metal at concentration of 0.2 ppm in water forms black precipitate in water?

A:-Manganese

B:-Iron

C:-Copper

D:-Aluminium

Correct Answer:- Option-A

Question52:-Ozone is a

A:-Primary air pollutant

B:-Secondary air pollutant

C:-Tertiary air pollutant

D:-All the above

Correct Answer:- Option-B

Question53:-Permanent loss of hearing may occur in the exposure of noise in above the range of

A:-150 dB

B:-140 dB

C:-160 dB

D:-95 dB

Correct Answer:- Option-C

Question54:-World environmental health day theme for 2021

A:-Prioritizing environmental health for healthier communities in the global recovery

B:-Children are our future, let's protect their environmental health

C:-Let's work towards a safe environment for the betterment of our society

D:-A key public health intervention in disease pandemic prevention

Correct Answer:- Option-A

Question55:-Which of the following pattern is adopted for solid waste management?

A:-Collection - storage - distribution

B:-Storage - filtration - disposal

C:-Storage - collection - disposal

D:-All the above

Correct Answer:- Option-C

Question56:-The most effective measure to break the disease cycle is

A:-Protection of water source

B:-Protection of food

C:-Personal hygiene

D:-Segregation of faeces

Correct Answer:- Option-D

Question57:-Sleeping sickness transmitted by

A:-Tsetse fly

B:-Mosquito

C:-Sand fly

D:-House fly

Correct Answer:- Option-A

Question58:-Which of the following normally fly very short distance?

A:-Aedes mosquito

B:-House fly

C:-Sand fly

D:-Culex mosquito

Correct Answer:- Option-C

Question59:-Which of the following rodenticide is too dangerous for use?

A:-Thallium sulphate

B:-Sodium fluoroacetate

C:-Red squill

D:-All the above

Correct Answer:- Option-A

Question60:-Intermediate host of dracunculiasis

A:-Man

B:-Pig

C:-Cyclops

D:-None of the above

Correct Answer:- Option-C

Question61:-IEC Stands for

A:-Information Entertainment Communication

B:-Information Education Counselling

C:-Information Education Communication

D:-Integrity Empathy Considerative

Correct Answer:- Option-C

Question62:-Which of the following is not a function of health communication?

A:-Information

B:-Motivation

C:-Counselling

D:-Propaganda

Correct Answer:- Option-D

Question63:-Power point presentation is

A:-Non-Projected aid

B:-Projected Aid

C:-Mid Media

D:-None of these

Correct Answer:- Option-B

Question64:-'Letters to Editor' is an example of which component of communication

A:-Message

B:-Feedback

C:-Channel

D:-Source

Correct Answer:- Option-B

Question65:-Micro Teaching is introduced by

A:-Dwight W allen

B:-Socrates

C:-John Dewey

D:-David Ausbel

Correct Answer:- Option-A

Question66:-Expansion of DISHA

A:-Direct Information Service on Health Awareness

B:-Direct Intervention System For Health Awareness

C:-District Information Service on Health Activities

D:-Direct Intervention Service for Health Action

Correct Answer:- Option-B

Question67:-Which of the following come under cognitive domain of health

education?

A:-Knowledge

B:-Attitude

C:-Skill

D:-Aptitude

Correct Answer:- Option-A

Question68:-World Health Day is observed on

A:-April 17

B:-July 11

C:-December 1

D:-April 7

Correct Answer:- Option-D

Question69:-Communication without words

A:-Verbal Communication

B:-Non - Verbal Communication

C:-Horizontal Communication

D:-Informal Communication

Correct Answer:- Option-B

Question70:-Most widely used reading material

A:-Magazine

B:-Books

C:-News paper

D:-Weekly

Correct Answer:- Option-C

Question71:-Proper and effective purchase system is the basic principle of \_\_\_\_\_ management.

A:-Money

B:-Personal

C:-Material

D:-Time management

Correct Answer:- Option-C

Question72:-Administrative theory of management put forwarded by

A:-Dr. Eugen Fama

B:-F.W. Taylor

C:-Henry Fayol

D:-Catherine bridge

Correct Answer:- Option-C

Question73:-The concept of 'brain storming' explained by

A:-Osborn

B:-Terman

C:-Yung

D:-Freud

Correct Answer:- Option-A

Question74:-\_\_\_\_\_ type of leadership encourage and promotes participation, team work and motivation of subordinates.

A:-Autocratic

B:-Laissez faire

C:-Democratic

D:-All of the above

Correct Answer:- Option-C

Question75:-The most basic management principle is

A:-Communication

B:-Coordinating

C:-Planning

D:-Organizing

Correct Answer:- Option-C

Question76:-'Personnel Mangement' is skillful use of

A:-Economical resources

B:-Material resources

C:-Time resources

D:-Human resources

Correct Answer:- Option-D

Question77:-Government of India has established "NITI Aayog" on

A:-2013

B:-2015

C:-2016

D:-2017

Correct Answer:- Option-B

Question78:-"The executive organ of a grama sabha" is

A:-Grama Panchayath

B:-Panchayath Samiti

C:-Zilla parishad

D:-Nyaya panchayath

Correct Answer:- Option-A

Question79:-The Community development programme in India was launched on

A:-2<sup>nd</sup> October 1954

B:-2<sup>nd</sup> October 1956

C:-2<sup>nd</sup> October 1950

D:-2<sup>nd</sup> October 1952

Correct Answer:- Option-D

Question80:-Expand "HTST" method of pasteurization of milk

A:-Holder Technique and Short time method

B:-High Temperature and Short time method

C:-High Temperature and Short term method

D:-High Time and Short time method

Correct Answer:- Option-B

Question81:-Two factor theory of intelligence proposed by

A:-Freud

B:-Maslow

C:-Spearman

D:-Erickson

Correct Answer:- Option-C

Question82:-The major mental illnesses is called as

A:-Neurosis

B:-Psychoses

C:-Psychoneurosis

D:-None of these

Correct Answer:- Option-B

Question83:-Bipolar affective disorder is

A:-Mood disorder

B:-Personality disorder

C:-Organic disorder

D:-Somatoform disorder

Correct Answer:- Option-A

Question84:-"Classical Conditioning theory of learning" put forward by

A:-Skewnner

B:-Pavlov

C:-Thorndike

D:-Berne

Correct Answer:- Option-B

Question85:-In \_\_\_\_\_ defense mechanism "People resort to their childhood practices".

A:-Repression

B:-Withdrawal

C:-Displacement

D:-Regression

Correct Answer:- Option-D

Question86:-Primary Agents of socialization are

A:-Family

B:-School

C:-Peer group

D:-All of the above

Correct Answer:- Option-D

Question87:-"Elementary Family" is also known as

A:-Joint family

B:-Extended family

C:-Nuclear family

D:-None of these

Correct Answer:- Option-C

Question88:-"Primary group" is a significant concept of

A:-Sigmund Freud

B:-Adler

C:-C.H. Cooley

D:-Ogburn

Correct Answer:- Option-C

Question89:-On the basis of \_\_\_\_\_ family can be classified into matriarchal family and patriarchal family.

A:-descent

B:-authority

C:-residence

D:-size

Correct Answer:- Option-B

Question90:-In Psychology "Self Theory" proposed by?

A:-Carl Roger



B:-Piaget

C:-Sigmund Freud

D:-Simmel

Correct Answer:- Option-A

Question91:-Choose the correct Statement:

- I. Cardiovascular diseases are the most common cause of death among chronic diseases in the world.
- II. Cancers are the most common cause of death among chronic diseases in the world
- III. Every year more persons die due to non communicable diseases when compared to communicable diseases

A:-I and II incorrect, III correct

B:-II and III correct, I is incorrect

C:-I and III incorrect, II is correct

D:-I and III correct, II is incorrect

Correct Answer:- Option-D

Question92:-Choose the right option:

- I. Lack of physical activity can lead to breast cancer, colon cancer and depression.
- II. World Health organization recommends a minimum of 30 minutes of moderate physical activity every week.
- III. Dancing cannot be considered as a type of physical activity.

A:-I and II correct, III incorrect

B:-II and III correct, I incorrect

C:-I correct, II and III incorrect

D:-I and III incorrect, II correct

Correct Answer:- Option-C

Question93:-Choose the correct Statement:

- A:-Harmful use of alcohol can lead to cardiovascular diseases and cancers
- B:-Tobacco use are not associated with cardiovascular diseases
- C:-Most chronic diseases have a short incubation period
- D:-Infections can never lead to chronic diseases like cancers

Correct Answer:- Option-A

Question94:-Waste types that can be incinerated is

A:-Large amount of reactive chemical waste

B:-Pressurised gas containers

C:-Used Syringes, needles and swabs

D:-Broken thermometers and sphygmomanometers

Correct Answer:- Option-C

Question95:-Choose the incorrect statement related to WHO Global action plan for the prevention and control of NCD:

A:-It aimed to bring down the risk of premature death due to major NCD by 25% by the year 2025.

B:-It aimed at a 100% relative reduction in the prevalence of raise blood pressure.

C:-It aimed at a 10% relative reduction in the prevalence of insufficient physical activity.

D:-At least 10% relative reduction in the harmful use of alcohol

Correct Answer:- Option-B

Question96:-Choose the incorrect statement regarding heart diseases:

I. Sudden death is specifically due to coronary heart disease

II. Myocardial infarction is specifically due to coronary heart disease

A:-I and II incorrect

B:-I incorrect and II correct

C:-I correct II incorrect

D:-Both correct

Correct Answer:- Option-B

Question97:-Pick the correct statement regarding health problems of the elderly:

A:-Neurological problems like Alzheimer's disease are the most common problems in elderly persons

B:-Old age pension for persons about 60 years is the same as that for 85 years

C:-Surgical correction of cataract improves the quality of life considerably

D:-Physical activity has no significant health benefits in the elderly

Correct Answer:- Option-C

Question98:-Choose the correct statement regarding Cholesterol:

I. Regular physical activity increases HDL cholesterol

II. Higher levels of LDL Cholesterol is associated with higher risk of coronary heart disease

III. Higher levels of HDL Cholesterol protects from myocardial infarction

A:-All are correct

B:-II and III correct, I incorrect

C:-I and II correct, III incorrect

D:-I and III correct, II incorrect

Correct Answer:- Option-A

Question99:-Which of the following does not come under the population strategy to prevent coronary heart disease?

A:-Reduction of dietary salt intake to less than 5 grams per day

B:-Increasing the consumption of vegetables, whole grains, fruits and legumes

C:-Encouraging children to take up regular physical activity

D:-Revascularisation procedures to reduce mortality

Correct Answer:- Option-D

Question100:-Choose the correct Statement:

- I. Normal blood pressure is defined as a value of systolic BP less than 120 and diastolic BP less than 80 mm of Hg.
- II. WHO recommends to check BP in supine position rather than sitting position.
- III. Secondary hypertension is the most common type of hypertension

A:-All are incorrect

B:-I and II are correct III incorrect

C:-II and III incorrect I correct

D:-I and III correct II incorrect

Correct Answer:- Option-C