

# PROVISIONAL ANSWER KEY

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Alphacode	A

Question1:-'Divide and rule' was the policy of

- A:-The British
- B:-The French
- C:-The Dutch
- D:-The Portuguese

Correct Answer:- Option-A

Question2:-The winner of Coppa America Football 2015

- A:-Argentina
- B:-Brazil
- C:-Chili
- D:-Paraguay

Correct Answer:- Option-C

Question3:-The place where the revolt of 1857 started

- A:-Meerut
- B:-Delhi
- C:-Kanpur
- D:-Lucknow

Correct Answer:- Option-A

Question4:-International Yoga day celebrate on

- A:-5th June
- B:-20th June
- C:-22nd June
- D:-21st June

Correct Answer:- Option-D

Question5:-Who among the following had welcomed Vasco-Da-Gama at Calicut?

- A:-Almeda
- B:-Zamorin
- C:-Albuckerque
- D:-Kabral

Correct Answer:- Option-B

Question6:-According to latest lion census, what is the number of Gir lions in India?

- A:-486
- B:-601
- C:-523
- D:-556

Correct Answer:- Option-C

Question7:-In which state is silent valley located?

- A:-Tamil Nadu
- B:-Kerala
- C:-Assam
- D:-Arunachal Pradesh

Correct Answer:- Option-B

Question8:-In which country economic crisis occurred recently?

- A:-France
- B:-USA
- C:-India
- D:-Greece

Correct Answer:- Option-D

Question9:-What is the meaning of Sangam in the Sangam age?

- A:-Royal court

- B:-Meeting of rivers
  - C:-Assembly of poet
  - D:-Assembly of religious leaders
- Correct Answer:- Option-C

Question10:-The first astronaut of India

- A:-H.T. Bhabha
- B:-Yuri Gagarin
- C:-Rakesh Sharma
- D:-Bhat nagar

Correct Answer:- Option-C

Question11:-The birth place of Sree Narayana Guru

- A:-Chempazhanthi
- B:-Varkala
- C:-Arupippuram
- D:-Sivagiri

Correct Answer:- Option-A

Question12:-The founder of 'Samatva Samajam'

- A:-Kumara Guru
- B:-Ayya Vaikundar
- C:-Ayyankali
- D:-Kumaranasan

Correct Answer:- Option-B

Question13:-The person who was known as 'Bharat Kesari'

- A:-M.R. Nair
- B:-Ramakrishna Pillai
- C:-Balakrishna Pillai
- D:-Mannath Padmanabhan

Correct Answer:- Option-D

Question14:-Kolar mine of Karnataka is famous for

- A:-Gold
- B:-Copper
- C:-Iron
- D:-Bronze

Correct Answer:- Option-A

Question15:-In which among the following is related to Ayyankali?

- A:-SNDP
- B:-Sadhujana Paripalana Sangam
- C:-Athmiya Sangam
- D:-Sarvodaya Movement

Correct Answer:- Option-B

Question16:-The largest zoo in India is at

- A:-Delhi
- B:-Mumbai
- C:-Calcutta
- D:-Nagpur

Correct Answer:- Option-C

Question17:-'Safety value theory' is related to

- A:-Indian National Congress
- B:-Indian Association
- C:-Quit India Movement
- D:-Non-Cooperation Movement

Correct Answer:- Option-A

Question18:-The Maharaja of Travancore who invited Thycaud Ayya to his palace and became his disciple

- A:-Srimulam Thirunal
- B:-Swathi Thirunal
- C:-Uthram Thirunal
- D:-Ayilyam Thirunal

Correct Answer:- Option-B

Question19:-Which state has declared June 22 as Snake Bird Day?

A:-Maharashtra

B:-Tamil Nadu

C:-Karnataka

D:-Kerala

Correct Answer:- Option-D

Question20:-The name of the boat Kumaranasan was travelling while he met an accident that caused his death

A:-Victoria

B:-Redeemer

C:-Kairali

D:-None of these

Correct Answer:- Option-B

Question21:-A semiconductor diode is used to

A:-convert dc to ac

B:-convert ac to dc

C:-increase voltage

D:-decrease voltage

Correct Answer:- Option-B

Question22:-A steady current is flowing in a power line from west to east. The direction of the magnetic field at a point below the power line is towards

A:-east

B:-west

C:-north

D:-south

Correct Answer:- Option-C

Question23:-Polarization of light is a convincing evidence of it's

A:-Longitudinal nature

B:-Transverse nature

C:-Dual nature

D:-Quantum nature

Correct Answer:- Option-B

Question24:-A hollow metal sphere of radius 2 cm is charged such that the potential on it's surface is 5 volts. The potential at the centre of the sphere is

A:-5 volts

B:-zero

C:-same as at a point 2 cm away from the surface

D:-none of these

Correct Answer:- Option-A

Question25:-An athlete completes one round of a circular track of radius 'R' in 40 seconds. His displacement at the end of 2 minutes 20 seconds will be

A:-2 R

B:-zero

C:-2  $\pi R$

D:-4 R

Correct Answer:- Option-B

Question26:-At high altitudes, the boiling point of water decreases because

A:-the atmospheric pressure is high

B:-the temperature is low

C:-the atmospheric pressure is low

D:-the temperature is high

Correct Answer:- Option-C

Question27:-The monomer of natural rubber is

A:-Isoprene

B:-1,3-butadiene

C:-Chloroprene

D:-Ethylene

Correct Answer:- Option-A

Question28:-Due to Frenkel-defect the density of the ionic solids

A:-Decreases

B:-Increases

C:-Does not change

D:-Changes abnormally

Correct Answer:- Option-C

Question29:-Anhydrous  $\text{ZnCl}_2$  dissolved in con:  $\text{HCl}$  is known as

A:-Baeyer's reagent

B:-Grignard reagent

C:-Victor Meyer's reagent

D:-Lucas reagent

Correct Answer:- Option-D

Question30:-Alkyl halides react with metallic sodium in ether. The reaction is known as

A:-Sand Meyer's reaction

B:-Wurtz reaction

C:-Wurtz-Fittig reaction

D:-Fittig's reaction

Correct Answer:- Option-B

Question31:-The kingdom of Mycoplasma is

A:-Plantae

B:-Animalia

C:-Monera

D:-Fungi

Correct Answer:- Option-C

Question32:-The connecting link between glycolysis and kreb's cycle in aerobic respiration is

A:-RUBP

B:-Acetyl COA

C:-Citric acid

D:-Oxalo acetic acid

Correct Answer:- Option-B

Question33:-The plant growth regulator largely present in coconut milk is

A:-Auxin

B:-ABA

C:-Gibberellin

D:-Cytokinin

Correct Answer:- Option-D

Question34:-The stain using to visualise separated DNA by gel electrophoresis is

A:-Ethidium bromide

B:-Haematoxylin

C:-Acetocarmin

D:-Feulgen dye

Correct Answer:- Option-A

Question35:-The percentage of contribution of CFCs in total global warming is

A:-6%

B:-14%

C:-60%

D:-20%

Correct Answer:- Option-B

Question36:-The animal which is popularly known as 'Portuguese man of war' is

A:-Fasciola

B:-Physalia

C:-Obelia

D:-Aurelia

Correct Answer:- Option-B

Question37:-Ringworm is caused by

A:-Protozoa

B:-Roundworm

C:-Bacteria

D:-Fungus

Correct Answer:- Option-D

Question38:-Which of the following is not an example for 'ex situ' conservation of biodiversity?

A:-National park

B:-Seed bank

C:-Zoological park  
D:-Botanical garden  
Correct Answer:- Option-A

Question39:-The cell organelle responsible for the formation of acrosome in a sperm is

A:-Ribosome  
B:-Mitochondria  
C:-Golgi bodies  
D:-Lysosome

Correct Answer:- Option-C

Question40:-Bicuspid valve is present between

A:-Left atrium and left ventricle  
B:-Right atrium and right ventricle  
C:-Left atrium and right atrium  
D:-Right ventricle and left ventricle

Correct Answer:- Option-A

Question41:-Which one develops from endoderm?

A:-Nervous system, urinary bladder and eye  
B:-Liver, connective tissue and heart  
C:-Thymus, spinal cord and brain  
D:-Liver, pancreas and thymus/thyroid

Correct Answer:- Option-D

Question42:-Contraindications for using oral contraceptives

A:-Thrombophlebitis  
B:-Urinary tract infections  
C:-Ulcerative colitis  
D:-Menorrhagia

Correct Answer:- Option-A

Question43:-Hormone responsible for ovulation and development of corpus luteum is

A:-FSH  
B:-LH  
C:-ADH  
D:-ICSH

Correct Answer:- Option-B

Question44:-What is the primary action of insulin in the body?

A:-Enhances the transport of glucose across cell walls  
B:-Aids in the process of gluconeogenesis  
C:-Stimulates the pancreatic beta cells  
D:-Decreases the intestinal absorption of glucose

Correct Answer:- Option-A

Question45:-The characteristic symptom of hypoglycemia which is an early symptom of insulin reaction?

A:-Severe thirst  
B:-Drowsiness  
C:-Diaphoresis  
D:-Coma

Correct Answer:- Option-C

Question46:-The typical findings on the assessment of a client with acute pancreatitis?

A:-Hypoactive bowel sounds, decreased amylase and lipase levels  
B:-Fever, Hypoglycemia, DHN  
C:-Melena, persistent vomiting, hyperactive bowel sounds  
D:-Steatorrhea, abdominal pain, fever

Correct Answer:- Option-D

Question47:-Chancroid is a sexually transmitted disease caused by

A:-Treponima  
B:-Haemophilus  
C:-Neisseria  
D:-Trichomonas

Correct Answer:- Option-B

Question48:-Symptom exhibit during icteric phase of viral hepatitis

A:-Tarry stools

- B:-Shortness of breath
  - C:-Yellow coloured sclera
  - D:-Light, frothy urine
- Correct Answer:- Option-C

Question49:-Location and secretion of Leydig cells are

- A:-Liver-cholesterol
- B:-Ovary-estrogen
- C:-Testis-testosterone
- D:-Pancreas-glycogen

Correct Answer:- Option-C

Question50:-Which of the following clinical finding indicates the patient is experiencing hypokalemia?

- A:-Edema
- B:-Muscle spasms
- C:-Kussmaul breathing
- D:-Abdominal distention

Correct Answer:- Option-D

Question51:-Anaphylactic reaction after administering penicillin indicates

- A:-An acquired atopic sensitization
- B:-Passive immunity to penicillin allergen
- C:-Antibodies to penicillin developed after earlier use of the drug
- D:-Developed potent bivalent antibodies when the IV administration was started

Correct Answer:- Option-C

Question52:-"Nursing is the diagnosis and treatment of human responses to health and illness". This definition was given by

- A:-American Nurses Association (ANA), 1995
- B:-International Council of Nurses
- C:-Florence Nightingale, 1858
- D:-Indian Nursing Council, 1948

Correct Answer:- Option-A

Question53:-Which of the following disorder is caused by excessive producing of somatotropin?

- A:-Adrenogential syndrome
- B:-Cretinism
- C:-Acromegaly
- D:-Dwarfism

Correct Answer:- Option-C

Question54:-The digestion of protein is facilitated by

- A:-Trypsin
- B:-Amylase
- C:-Secretin
- D:-Lipase

Correct Answer:- Option-A

Question55:-A condition characterized by inflammation of thyroid gland, resulting in hypothyroidis

- A:-Addison's disease
- B:-Hashimoto's disease
- C:-Grave's disease
- D:-Cushing's disease

Correct Answer:- Option-B

Question56:-Which of the following is an indicator of AIDS?

- A:-CD4 count lower than 200/ml
- B:-CD4 count more than 400/ml
- C:-CD4 count lower than 600/ml
- D:-CD4 count lower than 1000/ml

Correct Answer:- Option-B

Question57:-Which microorganism is associated with cervical cancer?

- A:-Human papilloma virus
- B:-Cytomegalovirus
- C:-Mycobacterium avium
- D:-Pneumocystis carinii

Correct Answer:- Option-D

Question58:-Which of the following conditions is known to have the best response to Electro Convulsive Therapy (ECT)?

A:-Depression with suicidal tendency

B:-Simple schizophrenia

C:-Paranoid schizophrenia

D:-Obsessive compulsive disorder

Correct Answer:- Option-A

Question59:-A condition characterized by a prolonged PR interval more than 0.2 secs in ECG is called

A:-Second degree AV block

B:-Mobitz type II AV block

C:-First degree AV block

D:-Complete block

Correct Answer:- Option-C

Question60:-Intra-aortic balloon pump therapy is most often used in the management of

A:-Congestive cardiac failure

B:-Cardiogenic shock

C:-Pulmonary edema

D:-Aortic insufficiency

Correct Answer:- Option-B

Question61:-Koplik's spots are seen in

A:-Rubella

B:-Rubeola

C:-Typhoid

D:-Chickenpox

Correct Answer:- Option-B

Question62:-An early indication for development of hypocalcemia

A:-Tingling sensation in the fingers

B:-Depressed reflexes

C:-Ventricular dysrhythmias

D:-Memory changes

Correct Answer:- Option-A

Question63:-Signs of meningeal irritation include all the following, EXCEPT

A:-Neck stiffness

B:-Brudzinski's sign

C:-Kernig's sign

D:-Kehr's sign

Correct Answer:- Option-D

Question64:-The antidote for heparin is

A:-Vitamin K

B:-Warfarin (Coumadin)

C:-Thrombin

D:-Protamine sulphate

Correct Answer:- Option-D

Question65:-Red man syndrome is associated with

A:-Vancomycin

B:-Chloramphenicol

C:-Tetracycline

D:-Erythromycin

Correct Answer:- Option-A

Question66:-Shick test is done in

A:-meningitis

B:-diphtheria

C:-pertussis

D:-poliomyelitis

Correct Answer:- Option-B

Question67:-Premature ventricular contractions are characterized by

A:-Premature beats followed by a compensatory pause

B:-QRS complexes, which are short and narrow

C:-Inverted P waves before the QRS complexes

D:-A P-wave preceding every QRS complexes

Correct Answer:- Option-A

Question68:-What is the priority nursing intervention for a patient during the immediate post-operative period?

- A:-Observing for hemorrhage
  - B:-Maintaining a patent airway
  - C:-Recording the intake and output
  - D:-Checking the vital signs every 15 minutes
- Correct Answer:- Option-B

Question69:-Which of the following condition has an increased risk for developing Hyperkalemia?

- A:-Crohn's disease
  - B:-Cushing's disease
  - C:-Chronic heart failure
  - D:-End-stage renal disease
- Correct Answer:- Option-D

Question70:-The normal left arterial pressure is

- A:-8 mmHg
  - B:-15 mmHg
  - C:-25 mmHg
  - D:-32 mmHg
- Correct Answer:- Option-A

Question71:-Neural tube defects can be prevented by

- A:-Supplementation with Vitamin B complex
  - B:-Supplementation with hydantoin
  - C:-Maternal folate supplementation
  - D:-Prophylaxis with valproic acid
- Correct Answer:- Option-C

Question72:-Which of the following manifestations is associated with a raised level of cortisone and ACTH?

- A:-Confusion
  - B:-Affective disturbances
  - C:-Schizophrenia
  - D:-Demantia
- Correct Answer:- Option-C

Question73:-What is the likely cause of blood urea nitrogen concentration elevated in acute renal failure?

- A:-Fluid retention
  - B:-Hemolysis of red blood cells
  - C:-Below normal metabolic rate
  - D:-Reduced renal blood flow
- Correct Answer:- Option-D

Question74:-Fourth cranial nerve is

- A:-Trigeminal
  - B:-Abducens
  - C:-Trochlear
  - D:-Facial
- Correct Answer:- Option-C

Question75:-Which of the following neurotransmitter is known to be associated with sleep, mood and appetite?

- A:-Acetylcholine
  - B:-Dopamine
  - C:-Serotonin
  - D:-GABA
- Correct Answer:- Option-C

Question76:-Digitalis toxicity is indicated by

- A:-Increased appetite
  - B:-Elevated blood pressure
  - C:-Skin rash over the chest and back
  - D:-Visual disturbance such as seeing yellow spots
- Correct Answer:- Option-D

Question77:-The most important indicator of hypovolemic shock after 15% blood loss is

- A:-Systolic blood pressure less than 90 mm of Hg
- B:-Pupil unequally dilated
- C:-Respiratory rate of 4 breath/mt
- D:-Pulse rate less than 60 b/mt



Correct Answer:- Option-A

Question78:-An adaptation that indicates major complication after gastroscopy would be

A:-Nausea and vomiting

B:-Abdominal distention

C:-Increased GI motility

D:-Difficulty in swallowing

Correct Answer:- Option-B

Question79:-Which of the following anti-tuberculosis drug can damage the 8th cranial nerve?

A:-Isoniazid

B:-Para-aminosalicylic Acid (PAS)

C:-Ethambutol hydrochloride (myambutol)

D:-Streptomycin

Correct Answer:- Option-D

Question80:-The positive diagnosis for HIV infection is made based on

A:-A history of high risk sexual behaviors

B:-Positive ELISA and Western blot tests

C:-Identification of an associated opportunistic infection

D:-Evidence of extreme weight loss and high fever

Correct Answer:- Option-B

Question81:-A client with mitral stenosis would demonstrate symptoms associated with congestion in the

A:-Right atrium

B:-Superior vena cava

C:-Aorta

D:-Pulmonary

Correct Answer:- Option-D

Question82:-An early manifestation of laryngeal cancer is

A:-Stomatitis

B:-Airway obstruction

C:-Hoarseness

D:-Dysphagia

Correct Answer:- Option-C

Question83:-An assessment specific to safe administration of IV mannitol is

A:-Vital signs q4h

B:-Weighting daily

C:-Urine output hourly

D:-Level of consciousness q4h

Correct Answer:- Option-C

Question84:-An early sign of Hodgkin's disease is

A:-Difficulty in breathing

B:-Swollen cervical lymph nodes

C:-Difficulty in swallowing

D:-Feeling of fullness over the liver

Correct Answer:- Option-B

Question85:-Which of the following stages of carcinogenesis is irreversible?

A:-Progression stage

B:-Initiation stage

C:-Regression stage

D:-Promotion stage

Correct Answer:- Option-A

Question86:-The complication associated with tracheostomy tube is

A:-Increased cardiac output

B:-Acute respiratory distress syndrome

C:-Increased blood pressure

D:-Damage to laryngeal nerves

Correct Answer:- Option-D

Question87:-Which finding should be most indicative sign of increasing intracranial pressure?

A:-Intermittent tachycardia

B:-Polydipsia

C:-Tachycardia

D:-Increased restlessness

Correct Answer:- Option-D

Question88:-A client is given oxytocin for induction of labour. The side effect of oxytocin is

A:-vomiting

B:-increased urine outflow

C:-hypertension

D:-bradycardia

Correct Answer:- Option-A

Question89:-Physiological changes in pregnancy include which of the following

A:-Increase in blood volume by 100%

B:-Decrease in Hb

C:-Peripheral resistance 50% increases

D:-Cardiac output 40% decreases

Correct Answer:- Option-B

Question90:-Common cause of ante partum hemorrhage

A:-Vasa praevia

B:-Placenta praevia

C:-Uterine rupture

D:-None of the above

Correct Answer:- Option-B

Question91:-Which of the following intervention is contraindicated in a patient with deep vein thrombosis of the right leg?

A:-Elevation of the limb

B:-Application of moist heat to the right leg

C:-Ambulation in the hall every 4 hour

D:-Administration of analgesics

Correct Answer:- Option-C

Question92:-Peptic ulcer of the esophagus is also called as

A:-Barrett's ulcer

B:-Reiter's syndrome

C:-Reflux esophagitis

D:-Achalasis

Correct Answer:- Option-A

Question93:-Down's syndrome is due to

A:-A missing chromosome

B:-An extra chromosome

C:-A dominant gene

D:-A recessive gene

Correct Answer:- Option-B

Question94:-A person having Klinefelter's syndrome is characterized by

A:-Male with some secondary sexual characters of female

B:-Female with some sexual characters of male

C:-Having both male and female sex organs

D:-Female internal sex organs and male external sex organs

Correct Answer:- Option-A

Question95:-Glasgow Coma Scale (GCS) is a measure of

A:-Intra Cranial Pressure (ICP)

B:-Memory

C:-Level of Consciousness (LOC)

D:-Fluid volume

Correct Answer:- Option-C

Question96:-Korsakoff's psychosis is due to intake of

A:-Cannabis

B:-Opium

C:-Amphetamine

D:-Alcohol

Correct Answer:- Option-D

Question97:-Which of the following drug is contraindicated in a patient with glaucoma who is scheduled for surgery?

A:-Demerol (meperidine) 50 mg IM

B:-Atropine sulfate 0.4 mg IM

C:-Valium (diazepam) 2 mg IM

D:-Phenergan (promethazine) 25 mg IM

Correct Answer:- Option-B

Question98:-The Indian Lunacy Act was passed in the

A:-1987

B:-1989

C:-1912

D:-1921

Correct Answer:- Option-C

Question99:-Most commonly used laboratory technique used to identify tubercle bacilli in sputum

A:-Acid-fast staining

B:-Sensitivity testing

C:-Agglutination testing

D:-Dark-field illumination

Correct Answer:- Option-A

Question100:-Filling up of memory spaces with a detailed false description of an event is termed as

A:-Tangentiality

B:-Neologism

C:-Circumstantialities

D:-Confabulation

Correct Answer:- Option-D