

PROVISIONAL ANSWER KEY

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Question1:-The National Green Tribunal (NGT) imposed a complete ban on plastic bags in the pilgrimage centre of Haridwar on

- A:-July 2, 2015
 - B:-January 2, 2016
 - C:-July 10, 2015
 - D:-January 20, 2016
- Correct Answer:- Option-A

Question2:-The weight of the recently launched ISRO satellite IRNSS-IE was

- A:-1452 kg
 - B:-1425 kg
 - C:-1245 kg
 - D:-1525 kg
- Correct Answer:- Option-B

Question3:-The first floating solar power plant in Kerala is located at

- A:-Malampuzha Dam
 - B:-Idukki Dam
 - C:-Mullaperiyar Dam
 - D:-Banasurasagar Dam
- Correct Answer:- Option-D

Question4:-Swadesabhimani Ramakrishna Pillai was elected to the Sri Mulam Popular Assembly in 1910 from

- A:-Mavelikara
 - B:-Varkala
 - C:-Neyyatinkara
 - D:-Pathanamthitta
- Correct Answer:- Option-C

Question5:-The newspaper Al-Amin was started in

- A:-1920
 - B:-1924
 - C:-1926
 - D:-1931
- Correct Answer:- Option-B

Question6:-Lokamanya was a publication by

- A:-K. P. Kesava Menon
 - B:-P. Krishna Pillai
 - C:-Moorkoth Kumaran
 - D:-Kuroor Neelakantam Namboothiripad
- Correct Answer:- Option-D

Question7:-The Malayali Memorial drafted in English was translated into Malayalam by

- A:-Dr. Palpu
 - B:-G. P. Pillai
 - C:-C. V. Raman Pillai
 - D:-K. P. Sankara Menon
- Correct Answer:- Option-C

Question8:-The Sahodara Samajam was founded in

- A:-1920
 - B:-1917
 - C:-1915
 - D:-1927
- Correct Answer:- Option-B

Question9:-The Article 323A of the Indian Constitution deals with the establishment of

- A:-Administrative Tribunals
- B:-Human Rights Commission
- C:-Backward Classes Commission
- D:-Election Commission

Correct Answer:- Option-A

Question10:-Mannath Padmanabhan led the Savarna Jatha in 1924 from

- A:-Guruvayur to Vaikom
- B:-Vaikom to Guruvayur
- C:-Vaikom to Thiruvananthapuram
- D:-Thiruvananthapuram to Vaikom

Correct Answer:- Option-C

Question11:-Kargil : Turning the Tide was authored by

- A:-A. B. Vajpayee
- B:-Pervez Musharraf
- C:-Mohinder Puri
- D:-V. K. Singh

Correct Answer:- Option-C

Question12:-The famous Moidu Bridge across the Anjarakandy river at Dharmadom was built in

- A:-1940
- B:-1930
- C:-1948
- D:-1935

Correct Answer:- Option-B

Question13:-The first international student admitted to the Ph.D. Programme of the Kannur University is from

- A:-Yemen
- B:-Germany
- C:-Russia
- D:-Nigeria

Correct Answer:- Option-A

Question14:-A. K. Gopalan led the Pattini Jatha (Hunger March) from

- A:-Kannur to Thiruvananthapuram
- B:-Kannur to Kozhikode
- C:-Kannur to Madras
- D:-Kozhikode to Madras

Correct Answer:- Option-C

Question15:-The text book introduced by Telangana for compulsory gender education at graduate level is

- A:-Towards Women Empowerment
- B:-Women and Power
- C:-A Text Book of Women Shakti
- D:-Towards a World of Equals

Correct Answer:- Option-D

Question16:-The State Peoples' Conference held at Ernakulam in 1928 was attended by

- A:-Mahatma Gandhi
- B:-Lala Lajpat Rai
- C:-Jawaharlal Nehru
- D:-C. Rajagopalachari

Correct Answer:- Option-B

Question17:-The Indian and French military joint exercise held on the Mahajan range in Bikaner district of Rajasthan on January 13, 2016 was termed as

- A:-Raksha-2016
- B:-Mukti-2016
- C:-Shakti-2016
- D:-Karma-2016

Correct Answer:- Option-C

Question18:-Plautist Murali Narayanan who brokened the Guinness Book record of Katherine Brookes played flute continuously for

- A:-26 hour, 20 minute and 25 second
- B:-26 hour, 10 minute and 56 second
- C:-27 hour, 10 minute and 25 second

D:-27 hour, 20 minute and 50 second

Correct Answer:- Option-D

Question19:-Article 51 of the Indian Constitution deals with

A:-Fundamental duties

B:-Promotion of international peace and security

C:-Abolition of untouchability

D:-Protection of life and personal liberty

Correct Answer:- Option-B

Question20:-Keralan was the pen name of

A:-Swadesabhimani Ramakrishna Pillai

B:-K. Kelappan

C:-Kandathil Varghese Mappila

D:-K. A. Keraleeyan

Correct Answer:- Option-A

Question21:-Pontiac fever is caused by

A:-Mycoplasma

B:-Pseudomonas

C:-Coxiella burnetii

D:-Legionella pneumophila

Correct Answer:- Option-D

Question22:-Instruments contaminated by tissues suspected to be infected with a case of CJD are sterilized by all of the following except

A:-Autoclave at 121°C for 20 minutes

B:-Immerse in 40 g NaOH in 1 litre of water for 1 hour, rinse and autoclave at 121°C or 134°C for 1 hour

C:-Autoclave at 132°C for 1 hour

D:-Immerse in 40 g NaOH in 1 litre of water for 1 hour and autoclave at 132°C for 1 hour

Correct Answer:- Option-A

Question23:-Sclerotic bodies in KOH preparation is characteristic of

A:-Mucormycosis

B:-Chromoblastomycosis

C:-Histoplasmosis

D:-Trypanosomiasis

Correct Answer:- Option-B

Question24:-The predominant mode of transmission of Hepatitis B virus in high prevalence areas is by

A:-Sexual contact

B:-Perinatal route

C:-Blood transfusion

D:-None of the above

Correct Answer:- Option-B

Question25:-A 45 year old male patient diagnosed to have chronic obstructive pulmonary disease with predominant bronchitis component would least likely to have

A:-Appearance of 'Pink puffer'

B:-Cough with copious sputum

C:-Cor pulmonale

D:-Increased airway resistance

Correct Answer:- Option-A

Question26:-A 45 year old uncontrolled diabetic male patient developed swelling at the root of the nose. Biopsy showed a necrotizing areas with the blood vessel walls invaded by broad non septate branching fungal hyphae. Probable fungus would be

A:-Aspergillosis

B:-Candidiasis

C:-Mucormycosis

D:-Rhinosporidiosis

Correct Answer:- Option-C

Question27:-All of the following are characteristics of teratomas except

A:-A malignant component should be present

B:-They arise from totipotential germ cells

C:-They can arise in the ovary

D:-Tissues resembling those from an embryo can be seen

Correct Answer:- Option-A

Question28:-Biochemical findings of low serum iron, low total iron binding capacity and serum ferritin above 100 ng/ml suggest a diagnosis of

- A:-Anemia of chronic disease
- B:-Hemochromatosis
- C:-Iron deficiency
- D:-Sideroblastic anemia

Correct Answer:- Option-A

Question29:-Which of the following antibiotics can be prescribed safely to an asthmatic on theophylline ?

- A:-Ciprofloxacin
- B:-Erythromycin
- C:-Levofloxacin
- D:-Clarithromycin

Correct Answer:- Option-C

Question30:-Which of the following is not an indication for the use of Beta Blockers ?

- A:-Variant angina
- B:-Migraine prophylaxis
- C:-Hypertension
- D:-Glaucoma

Correct Answer:- Option-A

Question31:-Which is the preferred Glucocorticoid used in the treatment of raised intracranial tension ?

- A:-Hydrocortisone
- B:-Dexamethasone
- C:-Prednisolone
- D:-Triamcinolone

Correct Answer:- Option-B

Question32:-Which is not an adverse effect of Lisinopril ?

- A:-Hypokalemia
- B:-Cough
- C:-Angioedema
- D:-Teratogenicity

Correct Answer:- Option-A

Question33:-Which is the disease caused by Rickettsia tsutsugamushi ?

- A:-Epidemic typhus
- B:-Scrub typhus
- C:-Endemic typhus
- D:-Tick typhus

Correct Answer:- Option-B

Question34:-The statistical test for studying the association between continuously measured exposure and outcome variable is

- A:-Pearson's correlation coefficient
- B:-ANOVA test
- C:-Chi-square test
- D:-t test

Correct Answer:- Option-A

Question35:-According to Indian Public Health Standard, minimum number of beds in a Community Health Centre

- A:-60
- B:-40
- C:-50
- D:-30

Correct Answer:- Option-D

Question36:-International Red Cross was founded by

- A:-Rockefeller
- B:-Philip Russel
- C:-Henry Dunant
- D:-None

Correct Answer:- Option-C

Question37:-Length of the intra orbital portion of the optic nerve is

- A:-30 — 35 mm
- B:-25 — 30 mm

C:-15 — 20 mm

D:-20 — 25 mm

Correct Answer:- Option-B

Question38:-All are features of Central Retinal Artery Occlusion except

A:-Markedly narrowed retinal arteries

B:-Massive retinal haemorrhages

C:-'Cattle tracking' of retinal veins

D:-Cherry red spot at macula

Correct Answer:- Option-B

Question39:-The amount of aqueous humor in the anterior chamber of the eye is

A:-0.25 ml

B:-0.025 ml

C:-2.5 ml

D:-0.5 ml

Correct Answer:- Option-A

Question40:-The instrument used to measure the corneal endothelial cell count is

A:-Specular microscope

B:-Pachymeter

C:-Keratometer

D:-Tonometer

Correct Answer:- Option-A

Question41:-Gradenigo's syndrome is a feature of

A:-Lateral sinus thrombosis

B:-Petrositis

C:-Acute mastoiditis

D:-Labyrinthitis

Correct Answer:- Option-B

Question42:-Earliest symptom of carcinoma vocal cord is

A:-Hoarseness

B:-Stridor

C:-Pain

D:-Dysphagia

Correct Answer:- Option-A

Question43:-Prolonged use of vaso constrictor nasal drops result in

A:-Vasomotor rhinitis

B:-Allergic rhinitis

C:-Rhinitis sicca

D:-Rhinitis medicamentosa

Correct Answer:- Option-D

Question44:-'Carhart's Notch' in pure tone audiometry is seen in

A:-Otitis media with effusion

B:-Otitic barotrauma

C:-Otosclerosis

D:-Ototoxicity

Correct Answer:- Option-C

Question45:-Pulse Apex deficit is seen in

A:-Aortic stenosis

B:-Atrial fibrillation

C:-Cardiac failure

D:-Mitral stenosis

Correct Answer:- Option-B

Question46:-Coma vigil is seen in

A:-Enteric fever

B:-Hyperosmolar state

C:-Myxoedema coma

D:-Stroke

Correct Answer:- Option-A

Question47:-Drug used to treat H1N1 infection

A:-Imatinib

B:-Natalizumab

C:-Omalizumab

D:-Oseltamivir

Correct Answer:- Option-D

Question48:-Bronchial breath sound heard in all except

A:-Bronchiectasis

B:-Just above the upper level of pleural effusion

C:-Over the trachea

D:-Pneumonia

Correct Answer:- Option-A

Question49:-Thought broadcast is commonly seen in

A:-Bipolar mood disorder

B:-Schizophrenia

C:-Anxiety disorder

D:-Dementia

Correct Answer:- Option-B

Question50:-K-Complex and Sleep Spindles are seen in

A:-NREM sleep Stage — I

B:-NREM sleep Stage — II

C:-NREM sleep Stage — III

D:-NREM sleep Stage — IV

Correct Answer:- Option-B

Question51:-Lithium is one

A:-Antipsychotic

B:-Anxiolytic

C:-Sedative

D:-Mood stabilizer

Correct Answer:- Option-D

Question52:-Nicotine withdrawal presents with all the symptoms except

A:-Depressed mood

B:-Restlessness

C:-Increased sleep

D:-Increased appetite

Correct Answer:- Option-C

Question53:-In face presentation the engaging diameter is

A:-Occipito frontal

B:-Submento bregmatic

C:-Mento vertical

D:-Biparietal diameter

Correct Answer:- Option-B

Question54:-Magnesium Sulphate toxicity in Eclampsia is treated with

A:-Vit. K injection

B:-Fibrinogen

C:-Protamine sulphate

D:-Calcium gluconate

Correct Answer:- Option-D

Question55:-Spiegelberg criteria is for the diagnosis of

A:-Abdominal pregnancy

B:-Cornual pregnancy

C:-Ovarian pregnancy

D:-Caesarean scar pregnancy

Correct Answer:- Option-C

Question56:-Rate of uterine rupture in previous low vertical incision in the uterus is

A:-0.2 — 1.5%

B:-4 — 9%

C:-1 — 7%

D:-4 — 6%

Correct Answer:- Option-C

Question57:-BOCKHART IMPETIGO is a term use for

- A:-Superficial folliculitis
 - B:-Bullous impetigo
 - C:-Impetigo contagiosum
 - D:-Pustular psoriasis in pregnancy
- Correct Answer:- Option-A

Question58:-Intertriginous freckling is pathognomonic of

- A:-Tuberous sclerosis
 - B:-Xeroderma pigmentosum
 - C:-Neurofibromatosis Type 1
 - D:-Sturge Weber syndrome
- Correct Answer:- Option-C

Question59:-The 1982 Revised Criteria for classification of Systemic Lupus Erythematosus includes all except

- A:-Malar rash
 - B:-Alopecia
 - C:-Photosensitivity
 - D:-Oral ulcers
- Correct Answer:- Option-B

Question60:-Four H's of scurvy are haemorrhagic signs, hypochondriasis, haematologic abnormalities and

- A:-Hyperpigmentation
 - B:-Hyperkeratosis of hair follicles
 - C:-Hypogonadism
 - D:-Hypotension
- Correct Answer:- Option-B

Question61:-Pel-Ebstein type of fever is seen in

- A:-Tuberculosis
 - B:-Typhoid
 - C:-Hodgkin's disease
 - D:-Leukaemia
- Correct Answer:- Option-C

Question62:-A 25 old male patient presented in the casualty with history of trauma and bleeding from the nose. On examination he has Le Fort-11 fracture. What is the first line management ?

- A:-Oxygen
 - B:-Reduction of fracture
 - C:-Blood transfusion
 - D:-Airway maintenance
- Correct Answer:- Option-D

Question63:-A post thyroidectomy patient in the post operative ward complaints of difficulty in breathing. On examination he had stridor and markedly swollen, tense neck. Which one is the first step in the management of this patient ?

- A:-Intubate with endotracheal tube
 - B:-Open the wound to evacuate the haematoma
 - C:-Perform tracheostomy
 - D:-Control the bleeding site in the operating room
- Correct Answer:- Option-B

Question64:-A 40 year old female patient presents in the casualty department with history of acute onset of severe epigastric pain radiating towards the back. The patient has no significant medical history and previous surgery. On examination, the patient has marked epigastric tenderness with guarding and diminished bowel sounds. The patients' amylase level is 2500 units. What is the most likely cause of this patients pain ?

- A:-Peptic ulcer disease
 - B:-Gall stone
 - C:-Alcohol abuse
 - D:-Intestinal colic
- Correct Answer:- Option-B

Question65:-Dagger sign in X-ray is seen in

- A:-Rheumatoid arthritis
 - B:-Fluorosis
 - C:-Ankylosing spondylitis
 - D:-Metaphyseal dysplasia
- Correct Answer:- Option-C

Question66:-Pirani score in CTEV assessment do not include

- A:-Empty heel

- B:-Rigid equinus
 - C:-Lateral head of talus
 - D:-Cavus angle of foot
- Correct Answer:- Option-D

Question67:-Essex-Lopresti lesion in upper limb is

- A:-Comminuted fracture proximal ulna with DRUJ disruption
- B:-Comminuted fracture radial head with DRUJ disruption
- C:-Comminuted fracture distal radius with proximal RUJ disruption
- D:-Comminuted fracture distal ulna with proximal RUJ disruption

Correct Answer:- Option-B

Question68:-Spina ventosa

- A:-Tuberculous dactylitis
- B:-Tuberculous infection of ventricles of brain
- C:-Fungal affection of spinal cord
- D:-Crystal deposition disorder in spine

Correct Answer:- Option-A

Question69:-The physical modality suitable for an acute injury is

- A:-Infra red
- B:-Wax bath
- C:-Deep heat
- D:-Ice application

Correct Answer:- Option-D

Question70:-Jaipur foot has an advantage over conventional prosthetic feet because

- A:-Separate Male and Female feet are available
- B:-Same foot can be used lifelong (Durable)
- C:-It can be used without a footwear (Bare foot walking possible)
- D:-It matches any skin colour

Correct Answer:- Option-C

Question71:-Minimum percentage of disability needed to claim the benefits of a physically handicapped is

- A:-50%
- B:-40%
- C:-25%
- D:-10%

Correct Answer:- Option-B

Question72:-A disabled friendly toilet should have

- A:-Wide entrance for wheelchair to pass
- B:-Grab bars inside for support
- C:-Ramp (not steps) at the entrance
- D:-All of the above

Correct Answer:- Option-D

Question73:-Half life of Radon-222

- A:-3.825
- B:-5.865
- C:-4.369
- D:-2.698

Correct Answer:- Option-A

Question74:-The demarcation value between low and high linear energy transfer is at about

- A:-1 Kev/ μm
- B:-10 Kev/ μm
- C:-100 Kev/ μm
- D:-1000 Kev/ μm

Correct Answer:- Option-B

Question75:-Tolerance dose (5/5) of whole left kidney

- A:-1800
- B:-2000
- C:-2300
- D:-2800

Correct Answer:- Option-C

Question76:-Chromosomal translocation in acute myeloid leukemia (AML-M3)

A:-1-19

B:-8-21

C:-15-17

D:-14-18

Correct Answer:- Option-C

Question77:-Minimum Alveolar concentration of sevoflurane is

A:-0.75

B:-1.2

C:-2

D:-6

Correct Answer:- Option-C

Question78:-Pin index for Entanox cylinder is

A:-2, 5

B:-3, 5

C:-3, 6

D:-7

Correct Answer:- Option-D

Question79:-Most common side effect of oral morphine used for cancer pain management is

A:-Itching

B:-Constipation

C:-Respiratory depression

D:-Addiction

Correct Answer:- Option-B

Question80:-Increasing end tidal carbon dioxide concentration seen in capnography during anaesthesia can be due to except

A:-Hypoventilation

B:-Pulmonary embolism

C:-Exhausted sodalime

D:-Hyper pyrexia

Correct Answer:- Option-B

Question81:-A 12 year old girl presented to the out-patient department with history of loss of appetite and sleeplessness. Recently she has become withdrawn and lost interest in studies and play activities. There is also history of frequent crying without reason and getting irritable for minor reasons. Detailed examination showed feelings of hopelessness, worthlessness and suicidal ideas. Name the drug which is best suited to treat this condition

A:-Fluoxetine

B:-Haloperidol

C:-Risperidone

D:-Methylphenidate

Correct Answer:- Option-A

Question82:-Which among the following tests for assessing intelligence in a 8 year old child is a purely performance test ?

A:-Malin's intelligence scale for Indian children

B:-Wechsler intelligence scale for children

C:-Seguin form board test

D:-Binet Kamat test of intelligence

Correct Answer:- Option-C

Question83:-The appropriate ART regimen for a 2 year old child on anti TB therapy who weighs 8 Kg and has a Hb of 7 gm% is

A:-d4T + 3TC + NVP

B:-ABC + 3TC + ZDV

C:-ABC + 3TC + LPV/r

D:-ABC + 3TC + d4T

Correct Answer:- Option-B

Question84:-A 2 year old child with moderate to severe pain due to bone metastasis from neuroblastoma should be treated with

A:-Codeine + Paracetamol + Bisacodyl

B:-Morphine + Paracetamol + Bisacodyl

C:-Ibuprofen + Paracetamol + Lansoprazole

D:-Tramadol + Paracetamol + Lansoprazole

Correct Answer:- Option-B

Question85:-The following arteries are branches of internal carotid artery except

- A:-Anterior cerebral
 - B:-Anterior choroidal
 - C:-Posterior choroidal
 - D:-Posterior communicating
- Correct Answer:- Option-C

Question86:-Name the area where optic nerve leaves the eyeball

- A:-Hyaloid fossa
- B:-Macula
- C:-Blind spot
- D:-Fovea

Correct Answer:- Option-C

Question87:-Which bony part is not related to ureter ?

- A:-Sacroiliac joint
- B:-Tips of transverse processes of lumbar vertebrae
- C:-Ischial spine
- D:-Anterior superior iliac spine

Correct Answer:- Option-D

Question88:-Fibres carried by greater splanchnic nerve

- A:-Preganglionic sympathetic
- B:-Postganglionic sympathetic
- C:-Preganglionic parasympathetic
- D:-Postganglionic parasympathetic

Correct Answer:- Option-A

Question89:-Phenylketonuria is due to deficiency of

- A:-Tyrosinase
- B:-Phenyl alanine hydroxylase
- C:-Phenyl alanine oxidase
- D:-Tyrosine transaminase

Correct Answer:- Option-B

Question90:-Active form of Vitamin D

- A:-Vitamin `D_(3)`
- B:-Calcitriol
- C:-7 - Dehydrocholesterol
- D:-Vitamin `D_(2)`

Correct Answer:- Option-B

Question91:-Molecular scissors used in Recombinant DNA Technology

- A:-RNA polymerase
- B:-Taq polymerase
- C:-Restriction endonuclease
- D:-Ligase

Correct Answer:- Option-C

Question92:-Metabolic acidosis is seen in

- A:-Diabetic ketoacidosis
- B:-Severe vomiting
- C:-Hysterical hyperventilation
- D:-Severe respiratory infection

Correct Answer:- Option-A

Question93:-The hormone which is critical in the control of renal water output and plasma osmolality is

- A:-Cortisol
- B:-Thyroxine
- C:-Oxytocin
- D:-Vasopressin

Correct Answer:- Option-D

Question94:-Which sensation does not reach the thalamic nuclei before it is relayed to cerebral cortex ?

- A:-Smell
- B:-Taste
- C:-Hearing
- D:-Vision

Correct Answer:- Option-A

Question95:-Hypoxaemia refers to a partial pressure of O_2 in the arterial blood below

A:-98 mm of Hg

B:-95 mm of Hg

C:-90 mm of Hg

D:-85 mm of Hg

Correct Answer:- Option-D

Question96:-High pressure nervous syndrome occurs in deep dives with diver breathing

A:-100% O_2

B:-Compressed air

C:- O_2 -helium mixture

D:-Gas mixture with 80% N_2

Correct Answer:- Option-C

Question97:-Christmas tree stains are used in the detection of

A:-Vaginal epithelial cells

B:-Chorionic villi

C:-Red blood cells

D:-Spermatozoa

Correct Answer:- Option-D

Question98:-Karl Pearson's formula is used to estimate

A:-Stature

B:-Race

C:-Age

D:-Sex

Correct Answer:- Option-A

Question99:-Which is the toxic principle of "DATURA" ?

A:-Abrine

B:-Brucine

C:-Hyoscine

D:-Papaverine

Correct Answer:- Option-C

Question100:-Declaration of HELSINKI deals with

A:-Human organ transplantation

B:-Rights of medical practitioners

C:-Codes of medical ethics

D:-Human experimentation

Correct Answer:- Option-D