

# PROVISIONAL ANSWER KEY

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Question1:-Which of the following countries or continents was not a part of ancient landmass of Gondwana land?

- A:-India
- B:-Australia
- C:-Europe
- D:-South America

Correct Answer:- Option-C

Question2:-Which of the following types of soils have a marked capacity to retain water?

- A:-Desert soil
- B:-Laterite soil
- C:-Red soil
- D:-Regur soil

Correct Answer:- Option-D

Question3:-Which of the following lies on the left bank of the Ganga?

- A:-Kanpur
- B:-Patna
- C:-Allahabad
- D:-Varanasi

Correct Answer:- Option-D

Question4:-Which of the coldest place in India?

- A:-Dras
- B:-Srinagar
- C:-Shimla
- D:-Jaipur

Correct Answer:- Option-A

Question5:-Which of the following states suffer from "loo"?

- A:-Tamil Nadu
- B:-Uttar Pradesh
- C:-Gujarat
- D:-None of these

Correct Answer:- Option-B

Question6:-The famous Diwara Temples are situated in \_\_\_\_\_.

- A:-Uttar Pradesh
- B:-Rajasthan
- C:-Maharashtra
- D:-Madhya Pradesh

Correct Answer:- Option-B

Question7:-Planning Commission was constituted on \_\_\_\_\_.

- A:-15 March 1949
- B:-15 March 1950
- C:-15 March 1948
- D:-15 March 1951

Correct Answer:- Option-C

Question8:-Who established Anusheelan Samiti?

- A:-Barindra Kumar Ghosh
- B:-Jatindranath Benerjee
- C:-Pramod Mitter
- D:-All the above

Correct Answer:- Option-D

Question9:-The famous Thusharagiri waterfall is formed by which river?

- A:-Bharathapuzha
- B:-Chalippuzha
- C:-Kunthipuzha
- D:-Korapuzha

Correct Answer:- Option-B

Question10:-Our atmosphere has the largest concentration of which gas?

- A:-Nitrogen
- B:-Oxygen
- C:-Carbon dioxide
- D:-Hydrogen

Correct Answer:- Option-A

Question11:-Jathikummi, which criticised the prevailing caste system was written by \_\_\_\_\_.

- A:-V.T. Bhattathiripad
- B:-Pandit Karuppan
- C:-Brahmananda Swami Sivayogi
- D:-Vakkom Moulavi

Correct Answer:- Option-B

Question12:-The first systematically organized agitation in Kerala against orthodoxy to secure the rights of the depressed classes

- A:-Vaikom Satyagraha
- B:-Guruvayur Satyagraha
- C:-Mapila Lahala
- D:-None of these

Correct Answer:- Option-A

Question13:-'Vayalvaram Veedu' is related to

- A:-Sree Narayana Guru
- B:-Vallathol Narayana Menon
- C:-Cherusseri Namboothiri
- D:-Ulloor S. Parameswara Iyer

Correct Answer:- Option-A

Question14:-What was the original name of Thycaud Ayya?

- A:-Subbarayan
- B:-Kungikannan
- C:-Mudisoodum Perumal
- D:-Muthukutty

Correct Answer:- Option-A

Question15:-In which year Kurikose Elias Chavara died?

- A:-1870
- B:-1874
- C:-1871
- D:-1869

Correct Answer:- Option-C

Question16:-Which country won the Copa America tournament for 2015 to win this prestigious South American football title for the first time?

- A:-Colombia
- B:-Chile
- C:-Peru
- D:-Ecuador

Correct Answer:- Option-B

Question17:-During 2015 which Indian city was recently chosen as "City of Music" by UNESCO under the Creative Cities Network?

- A:-Chennai
- B:-Delhi
- C:-Lucknow
- D:-Varanasi

Correct Answer:- Option-D

Question18:-According to the 2011 census, which state had recorded the largest proportion of scheduled tribe (ST) population?

- A:-Mizoram
- B:-Meghalaya

C:-Arunachal Pradesh

D:-Nagaland

Correct Answer:- Option-A

Question19:-Which is the first golden jubilee film of India?

A:-Pundalik

B:-Alam Ara

C:-Sant Tukaram

D:-Raja Harishchandra

Correct Answer:- Option-C

Question20:-President Pranab Mukherjee inaugurated the 77th session of the India History Congress in which state?

A:-Kerala

B:-Karnataka

C:-Tamil Nadu

D:-None of the above

Correct Answer:- Option-A

Question21:-In the palm the septae dorsal to the digital nerves and vessels are known as

A:-Carpal tunnel

B:-Cleland's ligaments

C:-Lateral palmar septum

D:-Superficial-transverse metacarpal ligaments

Correct Answer:- Option-B

Question22:-What represents the position of anterior neuropore in an adult?

A:-Lamina terminalis of 3rd ventricle

B:-Corpus callosum

C:-Intermediate lobe of hypophysis cerebri

D:-Cerebellum and 4th ventricle

Correct Answer:- Option-A

Question23:-All are true about D/G translocation of chromosomes except one

A:-All cases of Down's syndrome are due to this abnormality

B:-Not seen in human beings

C:-Accounts for 1-4% cases of Down's syndrome

D:-Always occurs in cell; but not associated with any genetic disorder

Correct Answer:- Option-C

Question24:-Name the nerve that is injured if medial epicondyle of humerus is fractured

A:-Median nerve

B:-Radial nerve

C:-Posterior interosseous nerve

D:-Ulnar nerve

Correct Answer:- Option-D

Question25:-Normal serum bilirubin level

A:-0.2 to 0.8 mg%

B:-1 mg%

C:-1 to 1.2 mg%

D:-0.2 to 0.4 mg%

Correct Answer:- Option-A

Question26:-Immunoglobulin crossing the blood brain barrier

A:-IgM

B:-IgD

C:-IgG

D:-IgA

Correct Answer:- Option-C

Question27:-Most important urinary buffer system

A:-Bicarbonate

B:-Phosphate

C:-Protein

D:-Ammonia

Correct Answer:- Option-B

Question28:-Which of the following is a negative acute phase protein?

A:-C-reactive protein

- B:-Ferritin
- C:-Fibrinogen
- D:-Albumin

Correct Answer:- Option-D

Question29:-The Renal threshold for Glucose in venous plasma is

- A:-180 mg/dl
- B:-200 mg/dl
- C:-300 mg/dl
- D:-120 mg/dl

Correct Answer:- Option-A

Question30:-Location of Pneumotaxic Centre is

- A:-Medulla
- B:-Pons
- C:-Thalamus
- D:-Cerebral Cortex

Correct Answer:- Option-B

Question31:-Chvostek's sign is seen in

- A:-Cushing Syndrome
- B:-Addison disease
- C:-Hypocalcemic tetany
- D:-Acromegaly

Correct Answer:- Option-C

Question32:-Functional Residual Capacity in normal young adult male is

- A:-1200 ml
- B:-2400 ml
- C:-3000 ml
- D:-500 ml

Correct Answer:- Option-B

Question33:-An Assistant Sessions Court can pass \_\_\_\_\_.

- A:-A sentence of imprisonment upto three years and fine not exceeding Rs. 10,000
- B:-A sentence of imprisonment upto seven years and unlimited fine
- C:-A sentence of imprisonment upto ten years and unlimited fine
- D:-Any sentence authorised by law

Correct Answer:- Option-C

Question34:-The most reliable criteria for age estimation of an adult by Gustafson's method is the degree of \_\_\_\_\_.

- A:-Attrition
- B:-Periodontosis
- C:-Root resorption
- D:-Root transparency

Correct Answer:- Option-D

Question35:-According to the Motor Vehicle's Act the maximum permissible blood alcohol concentration while driving or attempting to drive a motor vehicle in India is \_\_\_\_\_.

- A:-30 mg%
- B:-50 mg%
- C:-60 mg%
- D:-100 mg%

Correct Answer:- Option-A

Question36:-Which section of IPC deals with Grievous Hurt?

- A:-Section 318 IPC
- B:-Section 320 IPC
- C:-Section 300 IPC
- D:-Section 302 IPC

Correct Answer:- Option-B

Question37:-Which of the following fungus infects the reticuloendothelial system?

- A:-Aspergillusfumigatus
- B:-Histoplasma capsulatum
- C:-Trichophyton rubrum
- D:-All of the above

Correct Answer:- Option-B

Question38:-Which of the following is a diploid cell line?

- A:-WI-38
- B:-Hela
- C:-McCoy
- D:-BHK-21

Correct Answer:- Option-A

Question39:-Resistance transfer factor can be transferred from one bacterium to another by

- A:-Transformation
- B:-Transduction
- C:-Conjugation
- D:-None of the above

Correct Answer:- Option-C

Question40:-Which is the antibiotic of choice in Legionella infection?

- A:-Erythromycin
- B:-Cephalosporins
- C:-Penicillin
- D:-Gentamicin

Correct Answer:- Option-A

Question41:-Granuloma seen in all conditions except

- A:-Amoebiasis
- B:-Crohn disease
- C:-Leprosy
- D:-Syphilis

Correct Answer:- Option-A

Question42:-Most useful special stain used for demonstration of amyloid is

- A:-Giemsa
- B:-Congo red
- C:-Sudan black-B
- D:-Toluidine blue

Correct Answer:- Option-B

Question43:-Genetic aberration responsible for acute promyelocytic leukemia "[AML-M\\_3](#)"

- A:-t : (8 : 21)
- B:-t : (11q : 23v)
- C:-t : (15 : 17)
- D:-t : (9 : 22)

Correct Answer:- Option-C

Question44:-Schiller-Duval body seen in

- A:-Chorio carcinoma
- B:-Dysgerminoma
- C:-Granulosa cell tumour
- D:-Yolk sac tumour

Correct Answer:- Option-D

Question45:-Which of the following fibrinolytics is approved for use in ischaemic stroke?

- A:-Tenecteplase
- B:-Alteplase
- C:-Streptokinase
- D:-Retepase

Correct Answer:- Option-B

Question46:-Which of the following is not true regarding flumazenil?

- A:-It blocks the actions of zolpidem
- B:-Antagonism of benzodiazepine induced respiratory depression is predictable
- C:-It is given intravenously
- D:-It has a short half life

Correct Answer:- Option-B

Question47:-The preferred drug used to treat pseudo membranous colitis is?

- A:-Metronidazole
- B:-Vancomycin
- C:-Erythromycin
- D:-Ciprofloxacin

Correct Answer:- Option-A

Question48:-Which of the following vitamins decreases the therapeutic effect of levodopa?

- A:-Riboflavin
- B:-Niacin
- C:-Pyridoxine
- D:-Thiamine

Correct Answer:- Option-C

Question49:-The level of prevention by screening of cancer cervix by visual inspection of acetic acid is \_\_\_\_\_.

- A:-Primordial prevention
- B:-Primary prevention
- C:-Secondary prevention
- D:-Tertiary prevention

Correct Answer:- Option-C

Question50:-The following one is NOT a malaria measurement

- A:-Annual parasite incidence
- B:-Annual blood examination rate
- C:-Slide positivity rate
- D:-Average infestation rate

Correct Answer:- Option-D

Question51:-Which of the following disease is included in "Water related" disease?

- A:-Cholera
- B:-Malaria
- C:-Dracunculiasis
- D:-Trachoma

Correct Answer:- Option-B

Question52:-Orthotolidine test is used for

- A:-Testing milk
- B:-Test chlorine demand
- C:-Test chlorine in water
- D:-Testing iodine in blood

Correct Answer:- Option-C

Question53:-Mechanism of action of Excimer Laser in cornea is

- A:-Photodisruption
- B:-Photoablation
- C:-Photocoagulation
- D:-None of the above

Correct Answer:- Option-B

Question54:-Complicated cataract has all of the following features, Except

- A:-Metachromatic luster
- B:-'Bread crump' appearance
- C:-Posterior cortical opacity
- D:-Pseudoexfoliation

Correct Answer:- Option-D

Question55:-Pigment epithelium of iris develops from

- A:-Neural ectoderm
- B:-Surface ectoderm
- C:-Mesoderm
- D:-None of the above

Correct Answer:- Option-A

Question56:-Pin point pupil is seen in

- A:-Belladonna poisoning
- B:-Internal ophthalmoplegia
- C:-Organophosphorus compound poisoning
- D:-Optic atrophy

Correct Answer:- Option-C

Question57:-Thumb sign in X-ray neck lateral view is seen in

- A:-Ludwig's angina
- B:-Acute epiglottitis
- C:-Acute laryngitis

D:-Retropharyngeal abscess

Correct Answer:- Option-B

Question58:-Schwartz operation is

A:-Myringotomy

B:-Myringoplasty

C:-Cortical mastoidectomy

D:-Modified radical mastoidectomy

Correct Answer:- Option-C

Question59:-Stapedius muscle is supplied by

A:-Facial nerve

B:-Hypoglossal nerve

C:-Cochlear nerve

D:-Accessory nerve

Correct Answer:- Option-A

Question60:-Chance of lymphatic metastasis is least in carcinoma of

A:-Subglottis

B:-Supraglottis

C:-Glottis

D:-All have equal chance

Correct Answer:- Option-C

Question61:-Idiopathic interstitial pneumonia include all Except

A:-Cryptogenic organizing pneumonia

B:-Lymphocytic interstitial pneumonia

C:-Nonspecific interstitial pneumonitis

D:-Sarcoidosis

Correct Answer:- Option-D

Question62:-Square root sign in cardiac catheterization is seen in

A:-Constrictive pericarditis

B:-Hypertrophic cardiomyopathy

C:-Pulmonary embolism

D:-Rupture of sinus of valsalva

Correct Answer:- Option-A

Question63:-The mechanisms of Left ventricular dysfunction in Core pulmonale are all Except

A:-Bernheim effect

B:-Increased turgor pressure due to increased pressure in coronary sinus

C:-Interventricular septum is shared by both ventricle

D:-Ventricular myocardium is a syncytium

Correct Answer:- Option-A

Question64:-All are true about ARDS Berlin definition Except

A:-Bilateral opacities on chest imaging are not attributable to pulmonary nodule, Lobar collapse and pleural effusion

B:-Respiratory failure cannot be fully explained by clinical features or fluid overload

C:-Severe ARDS is defined by Pao<sub>2</sub>/Fio<sub>2</sub> ratio of <150 mm of Hg with PEEP >5 cm

D:-The time of ARDS much occur with in 7 days of a non clinical insulted new or worsening respiratory symptoms

Correct Answer:- Option-C

Question65:-Loosening of association is a disorder of

A:-Speech

B:-Emotion

C:-Thought

D:-Perception

Correct Answer:- Option-C

Question66:-All of the following are catatonic symptoms except

A:-Waxy flexibility

B:-Flight of ideas

C:-Negativism

D:-Stupor

Correct Answer:- Option-B

Question67:-A 30 years old, unmarried man working in a battery industry was brought to the emergency department with complaints of irritability, reduced sleep, excessive yawning, lacrimation and rhinorrhea. On examination, both pupils appear dilated but reactive. The most probable diagnosis is

- A:-Fracture base of skull
  - B:-Acute grief reaction
  - C:-Lithium toxicity
  - D:-Opioid withdrawal state
- Correct Answer:- Option-D

Question68:-Rabbit syndrome can occur in patients with

- A:-Antipsychotic drug treatment
  - B:-Eating disorders
  - C:-Cocaine intoxication
  - D:-Inhalant abuse
- Correct Answer:- Option-A

Question69:-The drug of choice for the treatment of Eclampsia is

- A:-Phenytoin Sodium
  - B:-Diazepam
  - C:-Magnesium Sulphate
  - D:-Chlorpromazine
- Correct Answer:- Option-C

Question70:-What is the amount of drug released from LNG IUCD per day?

- A:-15 Microgram
  - B:-25 Microgram
  - C:-20 Microgram
  - D:-12 Microgram
- Correct Answer:- Option-C

Question71:-Rate of involution of uterus after delivery

- A:-2.5 cm/day
  - B:-1 cm/day
  - C:-3 cm/day
  - D:-0.5 cm/day
- Correct Answer:- Option-B

Question72:-The daily requirement of Vit. B12 in Pregnancy is

- A:-2.2 Microgram
  - B:-2 Microgram
  - C:-1.5 Microgram
  - D:-3 Microgram
- Correct Answer:- Option-A

Question73:-The most relevant epidemiological measure of the burden of Leprosy is the

- A:-Incidence of disease
  - B:-Prevalence of disease
  - C:-Disability and deformity produced by Leprosy
  - D:-Proportion of child cases
- Correct Answer:- Option-A

Question74:-"Iris Pearls" seen in

- A:-Neurofibromatosis
  - B:-Wilson's disease
  - C:-Vitamin A deficiency
  - D:-Hansen's disease
- Correct Answer:- Option-D

Question75:-Localization of immunoreactants IgG and  $^{125}\text{I}$  in immunofluorescence microscopy studies of 1 M NaCl salt-split skin favours the diagnosis of

- A:-Bullous Pemphigoid
  - B:-Pemphigoid Gestationis
  - C:-Epidermolysis Bullosa Acquisita
  - D:-Epidermolysis Bullosa Simplex
- Correct Answer:- Option-C

Question76:-Cyclosporine is isolated from

- A:-Toxicodendron radicans
- B:-Tolypocladium inflatum
- C:-Ginkgo biloba
- D:-Gluta renghas



Correct Answer:- Option-B

Question77:-Triple assessment of breast consists of the following evaluation except

- A:-Clinical assessment
- B:-Mamography
- C:-Fine needle aspiration cytology
- D:-Magnetic resonance imaging

Correct Answer:- Option-D

Question78:-Which of the following urinary calculus is radiolucent?

- A:-Calcium oxalate
- B:-Triple phosphate
- C:-Cysteine
- D:-Uric acid

Correct Answer:- Option-D

Question79:-Paradoxical respiration is seen in

- A:-Flail chest
- B:-Tension Pneumothorax
- C:-Pericardial effusion
- D:-Mediastinal emphysema

Correct Answer:- Option-A

Question80:-Most common site of peripheral arterial aneurism is

- A:-Femoral
- B:-Popliteal
- C:-Branchial
- D:-Radial

Correct Answer:- Option-B

Question81:-Which of the following is most rapidly expanding benign tumour?

- A:-Enchondroma
- B:-Osteochondroma
- C:-Aneurysmal bone cyst
- D:-Fibrous dysplasia

Correct Answer:- Option-C

Question82:-Illaramindi procedure of treatment is used for

- A:-Lunato malacia
- B:-Fracture non union of scaphoid
- C:-Fracture of pisi form
- D:-Carpo metacarpal dislocation

Correct Answer:- Option-A

Question83:-Which of the following is not related to Perthe's disease?

- A:-Gage sign
- B:-Stulberg classification
- C:-Herring staging
- D:-Gibson classification

Correct Answer:- Option-D

Question84:-Induced membrane technique for the treatment of fracture gap non union is known as

- A:-Papineau technique
- B:-Masquelet's technique
- C:-Boyd's technique
- D:-Macquet's technique

Correct Answer:- Option-B

Question85:-According to Guidelines for Disability Assessment to quantify permanent physical impairment the duality percentage for Syme's amputation is

- A:-40%
- B:-50%
- C:-60%
- D:-70%

Correct Answer:- Option-B

Question86:-Horner's syndrome is seen in

- A:-`"C\_5 C\_6"` root lesion
- B:-`"C\_7"` root lesion

C:-`"C\_8 T\_1"` root lesion

D:-All of the above

Correct Answer:- Option-C

Question87:-Principle of Reverse Piezoelectric effect is used in

A:-Short wave diathermy

B:-Ultrasound

C:-TENS

D:-Infrared

Correct Answer:- Option-B

Question88:-'Saturday Night Palsy' is seen in

A:-Radial Nerve Palsy

B:-Median Nerve Palsy

C:-Ulnar Nerve Palsy

D:-Peroneal Nerve Palsy

Correct Answer:- Option-A

Question89:-All of the following are aromatase inhibitors used in the hormonal treatment of carcinoma breast, except

A:-Letrozole

B:-Exemestane

C:-Tamoxifen

D:-Anastrozole

Correct Answer:- Option-C

Question90:-Prophylactic cranial irradiation is considered in which of the following histology of carcinoma lung

A:-Small cell carcinoma

B:-Adenocarcinoma

C:-Squamous cell carcinoma

D:-Clear cell carcinoma

Correct Answer:- Option-A

Question91:-TTF-1 is the tumour marker used for

A:-Carcinoma thyroid

B:-Carcinoma lung

C:-Renal cell carcinoma

D:-Retinoblastoma

Correct Answer:- Option-B

Question92:-Most commonly used radioactive source in teletherapy unit is

A:-Radium-226

B:-Iodine-131

C:-Iridium-192

D:-Cobalt-60

Correct Answer:- Option-D

Question93:-High quality chest compression in BLS include all the following except

A:-Compression rate of 100-120/minute

B:-Depth of compression more than 2.5 inches

C:-Adequate relaxation between compressions

D:-Minimal interruptions between compression

Correct Answer:- Option-B

Question94:-Inhalational anaesthetic agent used in day care surgery is

A:-Halothane

B:-Isoflurane

C:-Sevoflurane

D:-Enflurane

Correct Answer:- Option-C

Question95:-Which is not an adverse effect of oral morphine for cancer pain?

A:-Addiction

B:-Constipation

C:-Dry mouth

D:-Nausea and vomiting

Correct Answer:- Option-A

Question96:-Intravenous anaesthetic agent preferred in cardiac surgery

A:-Propofol

- B:-Ketamine
  - C:-Dtomidate
  - D:-Thiopentone sodium
- Correct Answer:- Option-C

Question97:-The most common complication of mumps in childhood is

- A:-Arthritis
- B:-Meningoencephalitis
- C:-Myocarditis
- D:-Orchitis

Correct Answer:- Option-B

Question98:-All of the following statements regarding cyclic vomiting are true except

- A:-Onset occurs between ages 3 and 5 yr
- B:-Episodes last 2-3 days
- C:-It is associated with nystagmus
- D:-It is a migraine equivalent

Correct Answer:- Option-C

Question99:-Pulmonary stenosis is associated with all of the following except

- A:-Rheumatic fever
- B:-Tetralogy of fallot
- C:-Noonan syndrome
- D:-Alagille syndrome

Correct Answer:- Option-A

Question100:-Manifestations of Chlamydia trachomatis pneumonia include all of the following except

- A:-Tachypnea
- B:-Conjunctivitis
- C:-Cough
- D:-Fever

Correct Answer:- Option-D