

PROVISIONAL ANSWER KEY

Question Paper Code: 15/2015/OL
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- Question1:-The seasonal period of South-West Monsoon in India
 A:-March - May
 B:-June - September
 C:-October - November
 D:-December - February
 Correct Answer:- Option-B
- Question2:-The eastern most point in India is situated in
 A:-Assam
 B:-Nagaland
 C:-Mizoram
 D:-Arunachal Pradesh
 Correct Answer:- Option-D
- Question3:-River Kosi is a tributary of
 A:-The Sindhu
 B:-The Ganga
 C:-The Brahmaputra
 D:-The Mahanadi
 Correct Answer:- Option-B
- Question4:-The smallest state of India
 A:-Sikkim
 B:-Tripura
 C:-Goa
 D:-Nagaland
 Correct Answer:- Option-C
- Question5:-Who declared Purna Swaraj in December 1929 by hoisting the Tri-coloured flag on the banks of the river Ravi?
 A:-Jawaharalal Nehru
 B:-Mahatma Gandhi
 C:-Subash Chandra Bose
 D:-Bipin Chandra Pal
 Correct Answer:- Option-A
- Question6:-The Viceroy who passed the notorious Vernacular Press Act (Act IX), an Act of the better control of publications in Oriental Languages, in 1878.
 A:-Lord Canning
 B:-Lord Curzon
 C:-Lord Rippon
 D:-Lord Lytton
 Correct Answer:- Option-D
- Question7:-First President of the Indian National Congress
 A:-W.C. Bannerjee
 B:-A.O. Hume
 C:-Dadabhai Naoroji
 D:-Badarudeen Tiyyabji
 Correct Answer:- Option-A
- Question8:-Founder of the Suddhi Movement
 A:-Rajaram Mohan Roy
 B:-Dayananda Saraswathy
 C:-Swami Vivekananda
 D:-Kesab Chandra Sen
 Correct Answer:- Option-B
- Question9:-Who wrote Gitarahasya ?
 A:-Bala Ganghadhara Tilak
 B:-Rabindra Natha Tagore
 C:-Swami Sradhananda
 D:-Aurobinda Ghosh
 Correct Answer:- Option-A
- Question10:-Who is known as Modern Gandhi ?
 A:-Martin Luther King
 B:-Ibrahim Ruheva
 C:-Dr. Rajendra Prasad
 D:-Baba Amde
 Correct Answer:- Option-D
- Question11:-The district having least coastal belt in Kerala
 A:-Thiruvananthapuram
 B:-Kollam
 C:-Alapuzha
 D:-Ernakulam
 Correct Answer:- Option-B
- Question12:-Willington Island is situated in
 A:-Vembanad Lake
 B:-Astamudi Lake
 C:-Kodungallur Lake
 D:-Kadalundi Lake
 Correct Answer:- Option-A
- Question13:-Longest River in Kerala
 A:-Bharathapuzha
 B:-Pamba
 C:-Periyar
 D:-Chaliyar
 Correct Answer:- Option-C
- Question14:-The Nair Service Society was founded in the year
 A:-1904
 B:-1908
 C:-1914
 D:-1918
 Correct Answer:- Option-C
- Question15:-The Leader of the Samuha Parishkara Jatha from Kanjirangad to Chempazhanthy in 1965
 A:-A.K. Gopalan
 B:-Mannath Padmanadhan
 C:-V.T. Bhattathiripad
 D:-K. Kelappan
 Correct Answer:- Option-C
- Question16:-Which among the following is a work of Chattampi Swamikal ?
 A:-Darshanamala
 B:-Sivasatakam
 C:-Jivakarunya Nirupanam
 D:-Jivakarunya Panchakam
 Correct Answer:- Option-C
- Question17:-Who among the following reformers started a primary school at Venganoor in 1904?
 A:-Ayyankali
 B:-Sree Narayana Guru
 C:-K.P. Vallon
 D:-Pandit Karuppan
 Correct Answer:- Option-A

Question18:-The newspaper Swadeshbhimani was started in 1905 by

- A:-K. Ramakrishna Pillai
- B:-K. Balakrishnan
- C:-T.K. Madhavan
- D:-Vakkam Maulavi

Correct Answer:- Option-D

Question19:-The Social Reformer who is popularly known as Kumaragurudevan

- A:-Brahmananda Sivayogi
- B:-Vagbhatananda
- C:-Poikayil Yohannan
- D:-Ayya Vaikundar

Correct Answer:- Option-C

Question20:-What is the expansion of MOM

- A:-Mars Operation Mission
- B:-Mars Orbiter Mission
- C:-Mars Orientation Mission
- D:-Mars Organization Mission

Correct Answer:- Option-B

Question21:-Pulmonary veins open into

- A:-Left atrium
- B:-Right atrium
- C:-Left ventricle
- D:-Right ventricle

Correct Answer:- Option-A

Question22:-Epithelium lining the alveoli of lung is

- A:-Simple cuboidal
- B:-Simple columnar
- C:-Ciliated columnar
- D:-Simple squamous

Correct Answer:- Option-D

Question23:-Trachea bifurcates at the level of

- A:-First costal cartilage
- B:-Second costal cartilage
- C:-Third costal cartilage
- D:-Fourth costal cartilage

Correct Answer:- Option-B

Question24:-Liver derives its nutrition from

- A:-Portal vein only
- B:-Hepatic artery only
- C:-Both portal vein and hepatic artery
- D:-None of the above

Correct Answer:- Option-C

Question25:-Motor nerve supply to diaphragm is provided by

- A:-Vagus nerve
- B:-Intercostal nerves
- C:-Splanchnic nerves
- D:-Phrenic nerve

Correct Answer:- Option-D

Question26:-Left subclavian artery is a branch of

- A:-Ascending aorta
- B:-Arch of aorta
- C:-Common carotid artery
- D:-Brachiocephalic trunk

Correct Answer:- Option-B

Question27:-The thin membrane which closely invests the brain surface is

- A:-Ependyma
- B:-Arachnoid mater
- C:-Piamater
- D:-Duramater

Correct Answer:- Option-C

Question28:-Respiratory centre is located in

- A:-Medulla oblongata
- B:-Pons
- C:-Midbrain
- D:-Cerebellum

Correct Answer:- Option-A

Question29:-Total number of lumbar vertebrae in human body is

- A:-Seven
- B:-Four
- C:-Six
- D:-Five

Correct Answer:- Option-D

Question30:-Caecum and vermiform appendix are located in

- A:-Right hypochondrium
- B:-Umbilical region
- C:-Right iliac fossa
- D:-Left lumbar region

Correct Answer:- Option-C

Question31:-Luteotrophic hormone is also called

- A:-ADH
- B:-Oxytocin
- C:-Prolactin
- D:-TSH

Correct Answer:- Option-C

Question32:-Which is the first hormone discovered

- A:-Insulin
- B:-Secretin
- C:-Somatostatin
- D:-Vasopressin

Correct Answer:- Option-B

Question33:-Which of the following hormone is secreted by Neurohypophysis

- A:-ADH
- B:-ACTH
- C:-MSH
- D:-TSH

Correct Answer:- Option-A

Question34:-Outermost layer of meninges is called

- A:-Arachnoid matter
- B:-Dura matter
- C:-Peritoneum
- D:-Pia matter

Correct Answer:- Option-B

Question35:-Rods and Cones are present in

- A:-Blind spot
- B:-Choroid
- C:-Retina
- D:-Sclera

Correct Answer:- Option-C

Question36:-Organ of Corti is made up of

- A:-Basilar membrane

- B:-Reissner's membrane
C:-Sensory hair cells
D:-Tectorial membrane
Correct Answer:- Option-B
- Question37:-Opsin and Retinal are the split product of
A:-Vit A
B:-Retinol
C:-Retinal
D:-Rhodopsin
Correct Answer:- Option-D
- Question38:-Functional unit of Kidney
A:-Neuron
B:-Nephron
C:-Axon
D:-Ureter
Correct Answer:- Option-B
- Question39:-Respiratory centre is located in
A:-Medulla
B:-Hypothalamus
C:-Cerebral cortex
D:-Spinal cord
Correct Answer:- Option-A
- Question40:-Night blindness is due to
A:-Vit. A
B:-Vit. B
C:-Vit. C
D:-Vit. D
Correct Answer:- Option-A
- Question41:-Which among the following is a group health education method?
A:-Panel discussion
B:-Home visit
C:-Folk method
D:-Printed materials
Correct Answer:- Option-A
- Question42:-The rate of energy supply of fat is
A:-9 k cal/gm
B:-4 k cal/gm
C:-9 cal/gm
D:-4 cal/gm
Correct Answer:- Option-A
- Question43:-Listening to the sounds within the body with the help of a stethoscope is
A:-Percussion
B:-Auscultation
C:-Palpation
D:-Manipulation
Correct Answer:- Option-B
- Question44:-Freedom from infection is termed as
A:-Asepsis
B:-Antiseptis
C:-Quarantine
D:-Isolation
Correct Answer:- Option-A
- Question45:-The most reliable and cost effective method of identifying infectious case of TB is
A:-Mantoux test
B:-Sputum examination
C:-Chest X-ray
D:-Ultrasonography
Correct Answer:- Option-B
- Question46:-A physiological barrier of communication is
A:-Noise
B:-Hearing difficulty
C:-Illiteracy
D:-Language
Correct Answer:- Option-B
- Question47:-Which among the following is not a fat soluble vitamin?
A:-Vitamin A
B:-Vitamin C
C:-Vitamin D
D:-Vitamin E
Correct Answer:- Option-B
- Question48:-One of the most important communication skill is
A:-Inactive listening
B:-Empathetic listening
C:-Active listening
D:-Specific listening
Correct Answer:- Option-C
- Question49:-Pulse rate less than 60 bpm is called
A:-Tachypnoea
B:-Tachycardia
C:-Bradypnoea
D:-Bradycardia
Correct Answer:- Option-D
- Question50:-The most important procedure for the prevention of infection is
A:-Wearing gloves and gowns
B:-Proper disposal of used linen
C:-Effective hand washing
D:-Wearing protective eye wear
Correct Answer:- Option-C
- Question51:-The most appropriate position for a patient with breathing difficulty is
A:-Knee chest position
B:-Sim's position
C:-Prone position
D:-Fowler's position
Correct Answer:- Option-D
- Question52:-The basic unit of society is
A:-Individual
B:-Family
C:-Self help group
D:-Neighbourhood
Correct Answer:- Option-B
- Question53:-Immunity against Tuberculosis is provided by the vaccine
A:-DPT
B:-MMR
C:-OPV
D:-BCG
Correct Answer:- Option-D
- Question54:-Which among the following is not a therapeutic effect of hot application?
A:-Controls bleeding
B:-Relieves pain
C:-Promotes healing

- D:-Decreases muscle tone
Correct Answer:- Option-A
- Question55:-RNTCP was introduced in the year
A:-1972
B:-1962
C:-1992
D:-1982
Correct Answer:- Option-C
- Question56:-Vitamin that promotes the absorption of calcium is
A:-Vitamin A
B:-Vitamin C
C:-Vitamin D
D:-Vitamin E
Correct Answer:- Option-C
- Question57:-Which among the following is a food borne disease?
A:-Hepatitis A
B:-Hepatitis B
C:-Rubella
D:-measles
Correct Answer:- Option-A
- Question58:-Presence of blood in the sputum is called
A:-Hemoptysis
B:-Hemetemesis
C:-Haemothorax
D:-Haematuria
Correct Answer:- Option-A
- Question59:-Which of the following is the best method for the disposing hospital wastes?
A:-Composting
B:-Controlled tipping
C:-Dumping
D:-Incineration
Correct Answer:- Option-D
- Question60:-The drug used for the treatment of TB is
A:-Pencillin
B:-Dapsone
C:-Isodryl
D:-isoniazid
Correct Answer:- Option-D
- Question61:-What type of diet should a TB patient have?
A:-Carbohydrate rich food
B:-Fat rich food
C:-Protein rich food
D:-High fiber diet
Correct Answer:- Option-C
- Question62:-The specific strategy for the treatment of MDR TB is
A:-DOTS
B:-DRS
C:-DOTS-plus
D:-VCTC
Correct Answer:- Option-C
- Question63:-Which among the following should be avoided for a good communication?
A:-Use of same language by the sender and receiver
B:-Use of technical words and abbreviations that are not in use
C:-Paying attention to nonverbal messages
D:-Getting and giving feedback
Correct Answer:- Option-B
- Question64:-Severe deficiency of thiamin causes
A:-Beriberi
B:-Scurvy
C:-Rickets
D:-Keratomalacia
Correct Answer:- Option-A
- Question65:-Normal blood pressure for an adult is
A:-100/80 mm of Hg
B:-140/90 mm of Hg
C:-120/80 mm of Hg
D:-130/90 mm of Hg
Correct Answer:- Option-C
- Question66:-Inflammation of mucous membrane of mouth is called
A:-Glossitis
B:-Gingivitis
C:-Stomatitis
D:-Gastritis
Correct Answer:- Option-C
- Question67:-Invasion of micro organisms to a susceptible host is
A:-Infarction
B:-Infection
C:-Contamination
D:-Inflammation
Correct Answer:- Option-B
- Question68:-World TB day is observed on
A:-March 14
B:-November 24
C:-November 14
D:-March 24
Correct Answer:- Option-D
- Question69:-In case of animal bite affected area should be washed with
A:-Spirit
B:-Saline
C:-Warm water
D:-Soap and water
Correct Answer:- Option-D
- Question70:-World health day theme for 2015 is
A:-Road safety
B:-Food safety
C:-Vector borne diseases
D:-Focus on high blood pressure
Correct Answer:- Option-B
- Question71:-As per the RNTCP(Revised National Tuberculosis Control Programme),nationwide coverage of DOTS was achieved in the year
A:-1992
B:-2000
C:-2006
D:-2010
Correct Answer:- Option-C
- Question72:-Along with political and administrative commitment,all are components of DOTS except
A:-Good quality diagnosis
B:-Directly observed treatment
C:-Good quality drugs
D:-Random monitoring and reporting

- Correct Answer:- Option-D
- Question73:-Stop TB strategy published by WHO in 2006 recommends
- A:-Core programme as DOTS
 - B:-TB/HIV & MDR TB management as additional components
 - C:-Enabling and promoting research
 - D:-All of the above
- Correct Answer:- Option-D
- Question74:-If 10-99 AFB are seen per 100 oil immersion fields, then the smear result is
- A:-1+
 - B:-2+
 - C:-3+
 - D:-scanty
- Correct Answer:- Option-A
- Question75:-Under RNTCP,the term "DMC" means
- A:-Drug managing centre
 - B:-Designated microscopy centre
 - C:-Direct medication centre
 - D:-DOTS medicine centre
- Correct Answer:- Option-B
- Question76:-Which among the following categories were withdrawn from the RNTCP
- A:-CAT-I
 - B:-CAT-II
 - C:-CAT-III
 - D:-CAT-IV
- Correct Answer:- Option-C
- Question77:-Intensive phase recommended for Category II on a routine basis is
- A:-2 months
 - B:-3 months
 - C:-4 months
 - D:-6months
- Correct Answer:- Option-B
- Question78:-Before starting anti TB medications for a suspected smear negative TB patient,the number of sputum smear examinations recommended by the RNTCP is
- A:-2 smears as in positive cases
 - B:-3 smears as it was done earlier
 - C:-2 smears, followed by antibiotics and then 2 more smears
 - D:-Only Chest X-ray PA is required, sputum examinations not necessary
- Correct Answer:- Option-C
- Question79:-All are true regarding DOT provider except
- A:-Preferably a close relative or family member
 - B:-Should be acceptable to the patient
 - C:-Should be easily accessible
 - D:-Should be accountable to the programme
- Correct Answer:- Option-A
- Question80:-Joint pain and high blood levels of uric acid are the features of toxicity related to the following anti TB drug
- A:-Pyrazinamide
 - B:-Ethambutol
 - C:-Streptomycin
 - D:-Isoniazid
- Correct Answer:- Option-A
- Question81:-Continuation Phase in anti TB chemotherapy is meant for
- A:-Rapid killing of bacilli
 - B:-Preventing emergence of resistant strains
 - C:-Preventing rapid community spread
 - D:-Preventing relapse and failure
- Correct Answer:- Option-D
- Question82:-Mycobacteria classified in to different populations according to their growth pattern was done by
- A:-Wallace Fox
 - B:-D A Mitchison
 - C:-Robert Koch
 - D:-Roentgen
- Correct Answer:- Option-B
- Question83:-Estimated daily deaths due to Tuberculosis is
- A:-500
 - B:-1000
 - C:-1500
 - D:-2000
- Correct Answer:- Option-B
- Question84:-To make a diagnosis of multidrug resistant tuberculosis, the mycobacteria should be resistant at least to
- A:-INH and Ethambutol
 - B:-INH and Rifampicin
 - C:-INH and Pyrazinamide
 - D:-Streptomycin and Rifampicin
- Correct Answer:- Option-B
- Question85:-Single sample sputum culture is recommended for
- A:-Follow up monitoring of MDR/XDR TB patients under DOTS Plus regime
 - B:-Making a diagnosis of MDR TB
 - C:-Making a diagnosis of Total drug resistance
 - D:-All of the above
- Correct Answer:- Option-A
- Question86:-As per current policy, true statement regarding notification of TB is
- A:-All cases should be notified to District Nodal officer
 - B:-Only smear positive cases need be reported
 - C:-Only cases diagnosed from public health sector need be notified
 - D:-Only MDR and XDR TB need be notified
- Correct Answer:- Option-A
- Question87:-NIKSHAY, a project of RNTCP deals with
- A:-TB & HIV co infection management strategies
 - B:-Financial help for all TB patients
 - C:-Electronic notification of cases
 - D:-Integrated counseling and treatment of all TB patients
- Correct Answer:- Option-C
- Question88:-The fastest method for diagnosing MDR TB among the following is
- A:-Gene Xpert
 - B:-Quantiferon Gold assay
 - C:-T spot assay
 - D:-Liquid culture method
- Correct Answer:- Option-A
- Question89:-The minimum treatment duration for MDR TB as per the PMDT (programmatic management of Drug resistant tuberculosis)
- A:-12 months
 - B:-18 months
 - C:-24 months
 - D:-30 months
- Correct Answer:- Option-C
- Question90:-Robert Koch discovered mycobacteria in the year
- A:-1862
 - B:-1872
 - C:-1882
 - D:-1892
- Correct Answer:- Option-C
- Question91:-Which among the following is an Acid Fast staining technique?

- A:-Ziehl-Neelsen Technique
B:-Kinyoun method
C:-Auramine- Rhodamine Flurochrome staining
D:-All of the above
Correct Answer:- Option-D
- Question92:-The acid component of TB bacilli is
A:-Hydrochloric acid
B:-Lactic acid
C:-Sulphuric acid
D:-Mycolic acid
Correct Answer:- Option-D
- Question93:-The number of sputum samples collected for the diagnosis of Pulmonary tuberculosis as per the current RNTCP guideline is
A:-3 samples (spot-morning-spot)
B:-2 samples (morning-spot)
C:-2 samples (morning -morning)
D:-2 samples (spot-morning)
Correct Answer:- Option-D
- Question94:-The theme for the World TB day for the year 2015 is
A:-DOTS cured me -it will cure you too!
B:-Stop TB in my life time
C:-I am stopping TB
D:-Reach , treat, cure everyone
Correct Answer:- Option-D
- Question95:-The anti TB medication associated with orange coloured urine is
A:-Rifampicin
B:-Pyrazinamide
C:-Ethambutol
D:-Streptomycin
Correct Answer:- Option-A
- Question96:-Pott's disease is the tuberculosis affecting
A:-Lymph nodes
B:-Spine
C:-Pleura
D:-Pericardium
Correct Answer:- Option-B
- Question97:-Length and width of the rod shaped mycobacterium causing tuberculosis in human beings is
A:-2-4 microns in length,0.2-0.5 microns in width
B:-20-40 microns in length and 2-5 microns in width
C:-10- 20 nanometer in length, 1-2 nanometer in width
D:-20 -40 nanometer in length, 2-4 nanometer in width
Correct Answer:- Option-A
- Question98:-Which of the following anti TB medication is available as granules
A:-Isoniazid
B:-Para amino salicylic acid
C:-Thiacetazone
D:-Pyrazinamide
Correct Answer:- Option-B
- Question99:-The standard duration of short course chemotherapy is
A:-3 months
B:-6 months
C:-9 months
D:-less than 12 months
Correct Answer:- Option-B
- Question100:-All the following instructions are given to a smear positive TB patient on DOTS except
A:-Take nutritious food
B:-Observe good cough habits
C:-Remain in an isolated closed room till intensive phase is over
D:-Do not panic if you see that you are passing high coloured urine after taking medication
Correct Answer:- Option-C