

## PROVISIONAL ANSWER KEY

Question 14/2024/OL

Paper Code:

Category 030/2023

Code:

Exam: Medical Officer (Visha)

Date of Test 14-02-2024

Department Indian Systems of Medicine

Question1:-The Agada indicated for Pana, Alepa, Nasya and Anjana in Garavisha

A:-Ajita Agada

B:-Mahasugandhi Agada

C:-Ksharaagada

D:-Ajeyaghritam

Correct Answer:- Option-B

Question2:-Which among the following is an asadhya variety of Satapadi?

A:-Krishna

B:-Rakta

C:-Sweta

D:-Chitra

Correct Answer:- Option-C

Question3:-Delayed allergic reactions are categorized under

A:-Type I Hypersensitivity reaction

B:-Type II Hypersensitivity reaction

C:-Type III Hypersensitivity reaction

D:-Type IV Hypersensitivity reaction

Correct Answer:- Option-D

Question4:-In which of the following deaths Post Mortem Caloricity is not seen?

A:-Death due to Strychnine poisoning

B:-Death due to Liver abscess

C:-Death due to Congestive Cardiac failure

D:-Death due to Peritonitis

Correct Answer:- Option-C

Question5:-The treatment indicated for Nasyagata Visha includes

A:-Ghrita pana

B:-Kapitha rasapana

C:-Anjana

D:-Pralepa

Correct Answer:- Option-A

Question6:-As per CharakaSamhita, the action done by Teekshna guna of Visha

A:-Asaktagati dosham

B:-Marmaghnam

C:-Pranaghnam

D:-Asruk kopa

Correct Answer:- Option-B

Question7:-Histological finding in actue Allergic Contact Dermatitis

A:-Spongiosis

B:-Munro's micro abscesses

C:-Spongiform pustule of Kogoj

D:-Pautrier micro abscesses

Correct Answer:- Option-A

Question8:-One among the following is not an ingredient of Ekasara gana

A:-Sireeshapushpa

B:-Aragwadha pushpa

C:-Arka pushpa

D:-Karanjapushpa

Correct Answer:- Option-D

Question9:-The first Medico - legal autopsy was done by

A:-Orfila

B:-Edward Bulkley

C:-Batolomeo de Varignana

D:-Andrew Duncan

Correct Answer:- Option-C

Question10:-Type B Adverse Drug Reactions are

A:-Dose dependant

B:-Predictable on the basis of pharmacology of the drug

C:-Idiosyncratic

D:-All the above

Correct Answer:- Option-C

Question11:-Tactile hallucinations are common in

A:-Chronic Cocaine poisoning

B:-Datura poisoning

C:-Carbon Monoxide poisoning

D:-All the above

Correct Answer:- Option-A

Question12:-Which statement is not true with regard to suspended Animation

A:-Vital functions are reduced to minimum and not detectable by routine methods

B:-Practiced by Yogis voluntarily

C:-Seen in Newborn infants, electrocution, vagal inhibition

D:-The patient cannot be resuscitated to life and continues in persistent vegetative state

Correct Answer:- Option-D

Question13:-As per Ashtanga Hridaya, the colour of abnormal lines seen in poisoned honey

A:-Tamra

B:-Harit

C:-Syava

D:-Aruna

Correct Answer:- Option-B

Question14:-Hritpeedanam, Moorcha and Talu daha are associated with

A:-Patra visha

B:-Phala visha

C:-Niryasavisha

D:-Dhatu visha

Correct Answer:- Option-D

Question15:-As per Susruta samhita which among the following features is not mentioned in the Ill visha vega of Rajimanta

A:-Chakshurgrahanam

B:-Ghranasraava

C:-Manyasthambha

D:-Sweda

Correct Answer:- Option-C

Question16:-Which of the following statements is false regarding Klinefelter's syndrome

A:-A lowgrade masculine phenotype

B:-Undeveloped male secondary sexual characters

C:-Low FSH levels

D:-Hyalinisation of Seminiferous tubules

Correct Answer:- Option-C

Question17:-As per Vishavaidya Jyotsnik, the pratyoushadha for Tobacco

A:-Musta kwatham

B:-Coconut milk

C:-Lavanajala

D:-Tilam

Correct Answer:- Option-B

Question18:-The mechanism of action of atropine in Organophosphorous poisoning

A:-Receptor site blockade

B:-Competition at receptor site

C:-Reduced toxic conversion

D:-None of the above

Correct Answer:- Option-A

Question19:-The Bumper fracture of Tibia and Fibula in a pedestrian hit by car is an example of

A:-Focal fracture

B:-Crush fracture

C:-Traction fracture

D:-Vertical compression fracture

Correct Answer:- Option-B

Question20:-As per Ashtanga Hridaya, Virechana oushadham in Alarkavisha is given with

A:-Triphala kalka

B:-Dantikalka

C:-Neeliniswarasam

D:-Arkaksheeram

Correct Answer:- Option-D

Question21:-The age at which eruption of permanent first molar teeth occurs

A:-6-7 years

B:-9-11 years

C:-12-14 years

D:-14-16 years

Correct Answer:- Option-A

Question22:-Which of the following statements is true in case of strangulation

(i) Fracture of larynx and trachea are common

(ii) Antero-posterior fracture of Hyoid bone is seen

(iii) Bleeding seen in strap muscles or platysma

A:-All are true

B:-(i) and (ii) are true

C:-(ii) and (iii) are true

D:-(i) and (iii) are true

Correct Answer:- Option-D

Question23:-S.376(2) (g) of IPC deals with Punishment for

A:-Rape on a women under 12 years of age

B:-Rape on a women knowing her to be pregnant

C:-Gang rape

D:-Rape by a police officer on a woman in his custody

Correct Answer:- Option-C

Question24:-As per Prayogasamuchaya, the chikitsa for Vth Vega of Mooshika visha  
a

A:-Jaloukavacharana

B:-Nasya with Ankola twak

C:-Nasya with Sireesha beeja

D:-Nasya with Vishaghna taila

Correct Answer:- Option-D

Question25:-The characteristic posture in which lower limbs are flexed, rigid and abducted, arms are flexed and abducted with hands open and fingers wide apart, is seen in

A:-Heat stiffening

B:-Cold stiffening

C:-Gas stiffening

D:-Rigor Mortis

Correct Answer:- Option-C

Question26:-In a cut section of uterus in death after 2 weeks of delivery, placental site is

A:-Size of a palm

B:-3-4 cm size

C:-Obliterated

D:-Covered by new endometrium

Correct Answer:- Option-B

Question27:-Which among the following criterion satisfy Artificial Insemination Donor (AID)

(i) Donor should not be a relative of the couple

(ii) Donor should not have his own children

(iii) The identity of Donor or Recipient should not be revealed to each other

(iv) Written consent of Donor's wife is not necessary

A:-(i) and (ii) are true

B:-(ii) and (iii) are true

C:-(i) and (iii) are true

D:-(ii) and (iv) are true

Correct Answer:- Option-C

Question28:-Appearance of centres of ossification in sternal end of clavicle occurs in males at

A:-8-10 years

B:-10-11 years

C:-12-14 years

D:-15-19 years

Correct Answer:- Option-D

Question29:-Ulcers in first part of duodenum developing by 3-10 days after sustaining burns

A:-Marjolin's ulcers

B:-Cushing's ulcers

C:-Curling's ulcers

D:-None of the above

Correct Answer:- Option-C

Question30:-Pathognomonic sign of Ante-mortem drowning

A:-Cutis anserina

B:-Copious leathery tenacious froth at nose and mouth

C:-Washer woman's hand and feet

D:-Postmortem fluidity of blood

Correct Answer:- Option-B

Question31:-Nerve gases show similarity in biological activity to

A:-Organophosphates

B:-Hydrocyanic acid

C:-Sulphur

D:-None of the above

Correct Answer:- Option-A

Question32:-Figure 8 shaped inclusions in RBC seen in chronic lead poisoning

A:-Heinz bodies

B:-Cabot's ring

C:-Echinocyte

D:-Basophilic stippling

Correct Answer:- Option-B

Question33:-As per ICD-10 classification of Mental and Behaviour Disorders, the disorders coming under 'Behavioural Syndromes associated with Physiological and Physical Disturbances' include

A:-Anxiety

B:-Phobic states

C:-Sleep disorders

D:-Maniac disorder

Correct Answer:- Option-C

Question34:-The immediate complication in abortion using soapy liquid is

A:-Septicemia

B:-Meningitis

C:-Endotoxic Shock

D:-Fat Embolism

Correct Answer:- Option-D

Question35:-Drug of choice to antagonize the haemodynamic effect of scorpion sting

A:-Prazosin hydrochloride

B:-Aminophylline

C:-Sodium Nitroprusside

D:-Diazepam

Correct Answer:- Option-A

Question36:-A synthetic Marijuana used as designer drug

A:-Fentanyl

B:-K2

C:-Ketamine

D:-Ice

Correct Answer:- Option-B

Question37:-Fracture dislocation between C2-C3 vertebrae seen in Judicial hanging

A:-Undertakers fracture

B:-Hangman's fracture

C:-Jefferson's fracture

D:-Wedge compression fracture

Correct Answer:- Option-B

Question38:-As per the POCSO Amendment Act 2019, penetrative sexual assault on child less than 16 years is

A:-Imprisonment for 5 years and also fine

B:-Imprisonment for 7 years which may be extended for 10 years and also fine

C:-Imprisonment for 10 years which may be extended for life and also fine

D:-Imprisonment for 20 years which may be extended for remainder of natural life and also fine

Correct Answer:- Option-D

Question39:-Severe untreated Thiamine deficiency secondary to chronic alcoholism leads to

A:-Delirium tremens

B:-Munich beer Heart

C:-Wernicke-Korsakoff syndrome

D:-Mallory-Weiss syndrome

Correct Answer:- Option-C

Question40:-During Medico-legal autopsy, Vitreous humor is preserved in poisoning due to

A:-Digitalis

B:-Carbamates

C:-Alcohol

D:-Mercury

Correct Answer:- Option-C

Question41:-When any two objects come into contact there is always a transfer of material from each object on the other - this is based on

A:-Principle of individuality

B:-Locards principle

C:-Principle of linkage

D:-Law of analysis

Correct Answer:- Option-B

Question42:-The applicability of s27 on the Indian Evidence act that "No person accused of any offence shall be compelled to be a witness against himself" is according to which article of the Constitution of India?

A:-Article 14

B:-Article 21

C:-Article 20

D:-Article 19

Correct Answer:- Option-C

Question43:-Electrical brain response emitted by the brain of a perpetrator during brain mapping is

A:-P300

B:-P300 MERMER

C:-P 3a



D:-After Discharge (AD)

Correct Answer:- Option-B

Question44:-Recognised medical qualifications in Indian Medicine granted by universities, board/other medical institutions in India is included under which schedule of IMCC act, 1970?

A:-Schedule 1

B:-Schedule 2

C:-Schedule 3

D:-Schedule 4

Correct Answer:- Option-B

Question45:-The term of office for members of Central Council of Indian Medicine was

A:-5 years

B:-3 years

C:-2 years

D:-1 year

Correct Answer:- Option-A

Question46:-Quorum for Central Council was constituted by

A:-50% of the total number of members

B:-One-fourth of the total number of members

C:-One-third of the total number of members

D:-30% of the total number of members

Correct Answer:- Option-C

Question47:-All the following are functions of State Medical Council except

A:-Maintaining medical register

B:-Issuing warning notice

C:-Disciplinary control on medical professionals

D:-Recognition of medical qualification

Correct Answer:- Option-D

Question48:-Which of the following observations are taken into consideration in the lie detection instrument test

A:-Blood pressure, Pulse Rate, Dilatation of pupils, Inflammation of skin

B:-Respiration, Blood pressure, Pulse rate galvanic skin response

C:-Galvanic skin response, dilatation of pupil, Respiration, Blood pressure

D:-Pulse rate, Respiration, Dilatation of pupil, Blood pressure

Correct Answer:- Option-B

Question49:-Name the statutory body that took over the role of Central Council of

Indian Medicine by dissolving it in 2021

A:-Board of Ayurveda

B:-NITI Aayog

C:-NCISM

D:-AYUSH

Correct Answer:- Option-C

Question50:-Assertion A: Narcoanalysis uses sedatives and hypnotics

Reason R: Person lie using his imagination

A:-A and R are true R is correct explanation of A

B:-A and R are true R is not the correct explanation of A

C:-A is true but R is false

D:-A is false but R is true

Correct Answer:- Option-B

Question51:-Medical Jurisprudence deals with

A:-Medical aspects of law

B:-Legal aspects of medicine

C:-Doctor state relationship

D:-Doctor patient relationship

Correct Answer:- Option-B

Question52:-Eraser of name of doctor from Medical register is done for

A:-Civil negligence

B:-Criminal negligence

C:-Infamous conduct in professional sense

D:-Contributory negligence

Correct Answer:- Option-C

Question53:-*Dharmasthiya* according to *Kautilya Arthashastra* deals with functioning of

A:-Civil Court

B:-Criminal Court

C:-Moral and ethical order of state

D:-Victory as per rules of war

Correct Answer:- Option-A

Question54:-All the following are cognizable offences except

A:-Rape

B:-Murder

C:-Assault

D:-Abetment of suicide

Correct Answer:- Option-C

Question55:-Which of the following witness can be asked a leading question during examination in chief

A:-Common witness

B:-Expert witness

C:-Hostile witness

D:-None of the above

Correct Answer:- Option-C

Question56:-Minimum age required for consent to donate organs as per the Transplantation of Human Organs and Tissue Act, 1994 is

A:-16 years

B:-18 years

C:-12 years

D:-21 years

Correct Answer:- Option-B

Question57:-In India magistrates inquest is done in the following cases except

A:-Exhumation

B:-Dowry death

C:-Murder

D:-Death in police custody

Correct Answer:- Option-C

Question58:-Minimum age to take oath for Court proceedings is

A:-7 years

B:-12 years

C:-16 years

D:-18 years

Correct Answer:- Option-B

Question59:-Trial of offences punishable under Preconception and Pre-natal Diagnostic Techniques Act 1994 will be done by

A:-First Class Judicial Magistrate

B:-Second Class Judicial Magistrate

C:-Sessions Judge

D:-Additional Chief Judicial Magistrate

Correct Answer:- Option-A

Question60:-Cocaine leaf, opium and poppy straw are defined under which Act

A:-Drugs and Cosmetics Act

B:-NDPS Act

C:-Pharmacy Act

D:-Poisons Act

Correct Answer:- Option-B

Question61:-Medical Indemnity Insurance is a contract with the insured company for paying premium to

A:-Indemnify doctor on loss arising on grounds of professional negligence

B:-Arrange for professional assistance and pre-litigation advice

C:-Protect professional interest of insured doctor

D:-All the above

Correct Answer:- Option-C

Question62:-As per Consumer Protection Act 1986, the limitation period to file a suit from the date of alleged negligence is

A:-45 days

B:-90 days

C:-1 year

D:-2 years

Correct Answer:- Option-D

Question63:-One of the following is not a defence against medical negligence

A:-*Rest indica*

B:-*Res ipsa loquitur*

C:-*Res judicata*

D:-Contributory negligence

Correct Answer:- Option-B

Question64:-A patient suffering from a contagious disease should be treated

A:-When he gives implied consent

B:-When he gives expressed consent

C:-When he gives written consent

D:-Even if he does not consent

Correct Answer:- Option-D

Question65:-Non-voluntary Euthanasia means producing painless death

A:-At the will of the person

B:-In person incapable of making their will

C:-Against the will of the person

D:-Against the will of the parents

Correct Answer:- Option-B

Question66:-Referring physician is held liable under which Doctrine if it is proved that the consultant was incompetent

- A:-Calculated risk
- B:-Common knowledge
- C:-Negligent choice
- D:-Comparative negligence

Correct Answer:- Option-C

Question67:-A doctor can refuse to treat a patient except when

- A:-Beyond his practicing hours
- B:-Minor patient
- C:-Illness beyond competence of doctor
- D:-Doctor having important social function in family

Correct Answer:- Option-B

Question68:-Professional secrecy can be divulged

- A:-On demand by a court
- B:-On doctors interest
- C:-To parents or near relatives
- D:-When treatment offered is free

Correct Answer:- Option-A

Question69:-Privileged communication is made between

- A:-Patient and Doctor
- B:-Doctor and Court of law
- C:-Doctor and Relative
- D:-Doctor and Concerned authority

Correct Answer:- Option-D

Question70:-'*Naro narakapaati syaad tasya Sambhashanad api*' is the feature of

- A:-Chadmachara
- B:-Siddhasadhita
- C:-Apoojya Vaidya
- D:-Rogaabhisaara

Correct Answer:- Option-C

Question71:-Which of the following is the commonest agent used in poisoning in India?

- A:-Pesticides
- B:-Plant toxins
- C:-Alcohol

D:-House hold poisons

Correct Answer:- Option-A

Question72:-Which of the following is a stupefying poison?

A:-Datura

B:-Connabis indica

C:-Chloral hydrate

D:-All of the above

Correct Answer:- Option-D

Question73:-Which of the following statement regarding poison information centre is false?

(1) Poison information centre provides treatment for poisoned cases

(2) The poison information centre provides information by software INTOX

(3) The physician can directly call the poison information centre

A:-All of the above

B:-Both (1) and (2)

C:-(1) only

D:-(2) only

Correct Answer:- Option-C

Question74:-In which of the following case gastric lavage can be done up to 12 to 18 hours?

A:-Salicylates

B:-Tricyclic Antidepressants

C:-Volatile poisons

D:-Both (1) and (2)

Correct Answer:- Option-D

Question75:-As per susruta Trikantaka kanabha causes which of the following clinical features

A:-Severe pain

B:-Anga mardha

C:-Site of bite will be black

D:-All of the above

Correct Answer:- Option-D

Question76:-As per Charaka Kitibha kushta can be caused by

A:-Dooshi visha

B:-Gara visha

C:-Sthavara visha

D:-None of the above

Correct Answer:- Option-A

Question77:-As per Charaka which of the following is not a clinical feature indicating death by poisoning in a person

A:-Looseness of teeth

B:-Falling of hair

C:-Bluishness of lips

D:-Coldness of body

Correct Answer:- Option-D

Question78:-As per Ashtanga hridaya vomiting first appears in which sthavara visha vega

A:-First vega

B:-Second vega

C:-Third vega

D:-Fourth vega

Correct Answer:- Option-A

Question79:-As per Charaka samhitha dose of gold in Gara visha management

A:-One sana

B:-Half sana

C:-One Ratti

D:-None of the above

Correct Answer:- Option-A

Question80:-Amrtha ghrtha told in Charaka samhitha is not advised for which condition?

A:-Apasmara

B:-Udara

C:-Abhighatham

D:-Gara

Correct Answer:- Option-C

Question81:-The colour of the skin in postmortem appearance of acute copper poisoning is

A:-Dark brown

B:-Yellow

C:-Both of the above

D:-None of the above

Correct Answer:- Option-C

Question82:-Gastric lavage is useful in anytime of poisoning within

A:-Five hour

B:-Four hour

C:-Three hour

D:-All of the above

Correct Answer:- Option-C

Question83:-Which of the following is not a house hold emetic

A:-Salt water

B:-Mustard powder

C:-Milk

D:-None of the above

Correct Answer:- Option-C

Question84:-For gastric lavage the stomach tube should be inserted upto

A:-40 cm

B:-50 cm

C:-60 cm

D:-70 cm

Correct Answer:- Option-B

Question85:-Which of the following is not a content of Universal antidote

A:-Charcoal

B:-Magnesium oxide

C:-Tannic acid

D:-Common salt

Correct Answer:- Option-D

Question86:-Which of the following is not a clinical feature of Hastha visha (poison in hands) as per Susrutha samhitha

A:-Burning sensation of hands

B:-Falling of nails

C:-Discolouration of hands

D:-None of the above

Correct Answer:- Option-C

Question87:-As per Susrutha the person with poison in stomach (amasayagatha visha) should be made to vomit by using drugs madana, bimbi and Alabu mixed with either

A:-Salt water

B:-Rice wash

C:-Milk

D:-None of the above

Correct Answer:- Option-B

Question88:-Dooshivishari agada mixed with madhu and dadhi is recommended



specifically in which visha

A:-Pakvasaya visha

B:-Amasayagatha visha

C:-Both of the above

D:-None of the above

Correct Answer:- Option-A

Question89:-Dasavidha chikthsa (10 types of treatment) is told for which visha

A:-Lutha visha

B:-Alarka visha

C:-Aamasaya visha

D:-Pakwasaya visha

Correct Answer:- Option-A

Question90:-Toxic ophthalmological manifestations like corneal deposits is seen in

A:-Chloroquine

B:-Vitamin D

C:-Both of the above

D:-None of the above

Correct Answer:- Option-C

Question91:-Profuse sweating is a marked feature of acute poisoning in

A:-Carbon monoxide

B:-Datura

C:-Cyanide

D:-Organophosphorus

Correct Answer:- Option-D

Question92:-Which of the following is an example of bedside toxicological test?

A:-Trinder's test

B:-Forrest test

C:-Both (1) and (2)

D:-None of the above

Correct Answer:- Option-C

Question93:-Gas chromatography is an example of

A:-Qualitative test

B:-Quantitative test

C:-Bedside test

D:-None of the above

Correct Answer:- Option-B

Question94:-Which of the following test is excellent for detection of drugs in extremely low blood concentration

- A:-Ratio immune assay
- B:-Mass spectrometry
- C:-Thin layer chromatography
- D:-None of the above

Correct Answer:- Option-A

Question95:-As per susruta samhitha which of the following is a symptom of dooshivisa

- A:-Vishamajwara
- B:-Nidra
- C:-Angamardha
- D:-Vigandha

Correct Answer:- Option-D

Question96:-Based on prognosis Dooshivisha staying in the body for more than one year is

- A:-Sadhaya
- B:-Krchra sadya
- C:-Yapya
- D:-Asadhya

Correct Answer:- Option-C

Question97:-Commonest form of food poisoning is

- A:-Salmonella food poisoning
- B:-Staphylococcal food poisoning
- C:-Clostridium perfringens
- D:-None of the above

Correct Answer:- Option-A

Question98:-Kesari dhal is

- A:-Neurotoxic
- B:-Hemotoxic
- C:-Myotoxic
- D:-Cardiotoxic

Correct Answer:- Option-A

Question99:-According to ashtanga sangraha does of sthavaravisha is 2 yava for which bite

- A:-Keeta visha
- B:-Alarka visha

C:-Mandali visha

D:-Rajila visha

Correct Answer:- Option-A

Question100:-Teekshana visha lootha kills a person in how many days

A:-7 days

B:-10 days

C:-15 days

D:-20 days

Correct Answer:- Option-A