

PROVISIONAL ANSWER KEY

Question 26/2026/OL

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Department Insurance Medical Services

Question1:-Which of the following structures are derived from neural crest cells ?

i. Sympathetic ganglia

ii. Basal ganglia

iii. Spinal ganglia

A:-Only ii and iii

B:-Only i and iii

C:-Only i and ii

D:-All of the above i, ii and iii

Correct Answer:- Option-B

Question2:-Which of the following statements is False regarding the classification of synovial joints ?

A:-Intermetatarsal joints are plane synovial

B:-Inferior radio-ulnar joint is pivot

C:-Superior tibiofibular joint is pivot

D:-Intertarsal joints are plane synovial

Correct Answer:- Option-C

Question3:-Transitional epithelium is name so because, while stretching to accommodate urine, it apparently changes from

A:-Stratified cuboidal to simple squamous

B:-Stratified columnar to simple cuboidal

C:-Stratified columnar to stratified cuboidal

D:-Stratified cuboidal to stratified squamous

Correct Answer:- Option-D

Question4:-Which among the following is the major form of transportation of CO₂ in the blood ?

A:-Dissolved in plasma

B:-Carbamino compounds formed from plasma proteins

C:-Carbamino compounds formed from hemoglobin

D:-Bicarbonate

Correct Answer:- Option-D

Question5:-Which wave in JVP is due to bulging of the tricuspid valve into the right atria during isovolumetric ventricular contraction ?

A:-a wave

B:-c wave

C:-v wave

D:-x wave

Correct Answer:- Option-B

Question6:-The clasp-knife phenomenon, where a spastic limb suddenly gives way during passive stretch, is primarily mediated by which receptor ?

A:-Muscle spindle

B:-Free nerve endings

C:-Golgi tendon organ

D:-Pacinian corpuscles

Correct Answer:- Option-C

Question7:-Which among the following anemias have decreased Mean Corpuscular Volume (MCV) ?

i. Iron deficiency anemia

ii. Thalassemia

iii. Pernicious anemia

iv. Megaloblastic anemia

A:-ii and iii only

B:-i and ii only

C:-iii and iv only

D:-All the above

Correct Answer:- Option-B

Question8:-Which of the following factors contribute to the establishment and maintenance of a negative resting membrane potential in a neuron ?

i. The high permeability of the membrane to K^+ ions via leakage channels.

ii. The activity of the $Na^+ K^+$ ATPase, which moves 3 K^+ ions out for every 2 Na^+ ions in.

iii. The presence of large, negatively charged intracellular proteins.

iv. The high concentration of K^+ inside the cell relative to the outside.

A:-i, ii and iii

B:-i, ii and iv

C:-i, iii and iv

D:-All the above

Correct Answer:- Option-C

Question9:-Ethyl alcohol works as an antiseptic, at the strength of above

A:-10%

B:-20%

C:-30%

D:-50%

Correct Answer:- Option-A

Question10:-Glycerol of starch is prepared by mixing one part of starch with 8 parts of glycerine. Rub together till intimately mixed. Transfer the mixture to procelain dish. Apply heat gradually raising the temperature to

A:-100°C

B:-102°C

C:-116°C

D:-80°C

Correct Answer:- Option-C

Question11:-

For evaluation of crude raw material of plant origin, during physical evaluation generally applied constants are

- a. Solubility
- b. Specific gravity
- c. Optical rotation
- d. Ash value

Which of the following options is correct ?

A:-

Only a and b

B:-

Only c and d

C:-

Only a, c and d

D:-

Only a, b and c

Correct Answer:- Option-D

Question12:-In Legislation, for the manufacture for sale or for distribution of Homoeopathic medicines, manufacture on more than one set of premises is covered in

A:-Rule 85 A

B:-Rule 85 B

C:-Rule 85 C

D:-Rule 85 F

Correct Answer:- Option-A

Question13:-Disadvantage of 50-millesimal scale of potentiation : Medicine must be administered in liquid form (i.e. in distilled water). So, to prevent the decomposition of water _____ is required.

A:-Rectified spirit 60 UP

B:-Rectified spirit 20 OP

C:-Rectified spirit 20 UP

D:-Rectified spirit 60 OP

Correct Answer:- Option-D

Question14:-'Doctrine of signature' is a belief on various signs of nature
_____ was the first who advocated the doctrine of signature.

A:-Hippocrates

B:-Galen

C:-Paracelsus

D:-Hahnemann

Correct Answer:- Option-C

Question15:-Hahnemann introduced three new revelations in the 5th edition of organon.

i. The introduction of the higher potencies

ii. The use of the medicinal solutions

iii. The repetition of remedies at suitable intervals when required.

Which of the following statements is correct ?

A:-Only ii and iii

B:-Only i and ii

C:-All of the above i, ii, iii

D:-Only i and iii

Correct Answer:- Option-C

Question16:-In prescription writing, the abbreviation used to denote cold water is

A:-Aqua ferventis

B:-Aqua gelidae

C:-Aqua calidae

D:-Aqua brellientis

Correct Answer:- Option-B

Question17:-Preparation of mother tincture by modern method, its peculiarity is :

i. Uniform drug strength (1/10)

ii. Consideration of the moisture of the drug substance

iii. Uniform drug strength (1/100)

iv. Not considering the moisture of the drug substance

Which of the following statement is correct ?

A:-Only i

B:-i and ii

C:-iii and iv

D:-Only iv

Correct Answer:- Option-B

Question18:-The guidelines for pharmacopollaxy, to achieve rapid cure, three conditions are to be fulfilled (section 246, 5th edition of organon)

- i. Similimum
- ii. Minimum dose
- iii. Repetition

Which of the following points is correct ?

A:-All i, ii and iii

B:-Only i

C:-Only ii

D:-Only iii

Correct Answer:- Option-A

Question19:-Small aphthous ulcers with bloody saliva, tongue first half clean, posterior half covered with deep fur. Which of the following medicine has this features ?

A:-Borax

B:-Nux vomica

C:-Lachesis

D:-Causticum

Correct Answer:- Option-B

Question20:-Complementary of Cantharis

A:-Aconite

B:-Phosphorus

C:-Camphor

D:-Apis

Correct Answer:- Option-C

Question21:-Fear of being assassinated is the symptom of

A:-Lycopodium

B:-Cannabis indica

C:-Plumbum metallicum

D:-Hepar sulphuris

Correct Answer:- Option-C

Question22:-Breast cold as ice to touch, especially nipples rest of the body warm, is the key note symptom of

A:-Chamomilla

B:-Cina

C:-Silicea

D:-Medorrhinum

Correct Answer:- Option-D

Question23:-Which medicine is indicated in injuries to parts rich in sentient nerves where the pain is excessive and out of proportion to injury ?

A:-Hypericum

B:-Arnica

C:-Ledum pal

D:-Calendula

Correct Answer:- Option-A

Question24:-Which medicine is indicated when there is lack of reaction after severe acute diseases, appetite will not return ?

A:-Nux vomica

B:-Psorinum

C:-Natrum muriaticum

D:-Calcarea phos

Correct Answer:- Option-B

Question25:-Which medicine follows well after Arsenicum album in ascites of drunkards ?

A:-Kali carb

B:-Apis mel

C:-Lycopodium

D:-Fluoric acid

Correct Answer:- Option-D

Question26:-Which of the following medicine is indicated when burns tend to ulceration and ichorous discharge ?

A:-Causticum

B:-Silicea

C:-Carbolic Acid

D:-Rhus tox

Correct Answer:- Option-C

Question27:-Which medicine is indicated in varicose veins in pregnancy and inability to walk during pregnancy ?

A:-Pulsatilla

B:-Bellis perennis

C:-Sulphur

D:-Sepia

Correct Answer:- Option-B

Question28:-A 34-year-old woman presents with chronic pelvic complaints, marked bearing-down sensation, mental indifference to family, irritability, and reports that she feels decidedly better after exercise. Symptoms worsen in the evening.

Assertion (A) : Sepia is the indicated remedy in this patient.

Reason (R) : Because Sepia is known for pelvic bearing-down sensation, emotional indifference, and amelioration from exercise.

Choose the correct option :

A:-Both (A) and (R) are true, and (R) is the correct explanation of (A)

B:-Both (A) and (R) are true, but (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-A

Question29:-Medicine for chronic endocervicitis and warts on the os externum as per Boericke Materia Medica.

A:-Silicea

B:-Pyrogen

C:-Calendula

D:-Pulstilla

Correct Answer:- Option-C

Question30:-In intermittent fever which medicine follows lachesis when the type changes ?

A:-Cinchona

B:-Arsenicum album

C:-Nux vomica

D:-Natrum mur

Correct Answer:- Option-D

Question31:-A 65-year-old patient recovering from severe infection shows extreme weakness, cold sweat, cyanosis, and a desire to be fanned constantly. The patient feels worse from open air and better fanning.

Which remedy is indicated ?

A:-Camphora

B:-Secale cor

C:-Veratrum album

D:-Carbo vegetabilis

Correct Answer:- Option-D

Question32:-As per H. C. Allen which medicine clears up vision after keratitis and kerato-iritis

A:-Phosphorus

B:-Crotalus horridus

C:-Silicea

D:-Mercurius

Correct Answer:- Option-B

Question33:-Match the following remedy relations.

Remedy	Relation
a. Kali carb	1. Follows thuja in condyloma
b. Lycopodium	2. Coffea is antidote
c. Nux vomica	3. Inimical to zincum met
d. Sabina	4. Iodum is complementary remedy

Choose the correct match from the options given below :

A:-a-2, b-4, c-3, d-1

B:-a-4, b-2, c-3, d-1

C:-a-1, b-3, c-2, d-4

D:-a-2, b-1, c-4, d-3

Correct Answer:- Option-A

Question34:-Which of the following statements is/are correct regarding fifty millesimal scale of potencies ?

- Was introduced in the Fourth edition of Organon of Medicine.
- Hahnemann termed it as 'medicines of highest development of power and mildest action'.
- During its administration, homoeopathic aggravation occurs at the end of treatment when the cure is almost or quite finished.

A:-i and ii

B:-ii only

C:-ii and iii

D:-iii only

Correct Answer:- Option-C

Question35:-Match the following :

I. Maupertuis	a. Human drug proving
II. Albrecht von Haller	b. Similia similibus curantur
III. Hippocrates	c. Law of least quantity
IV. Paracelsus	d. doctrine of Signature

A:-I-a, II-c, III-b, IV-d

B:-I-b, II-c, III-d, IV-a

C:-I-a, II-d, III-c, IV-b

D:-I-c, II-a, III-b, IV-d

Correct Answer:- Option-D

Question36:-Antidotal relationship of remedies is called for in which of the following Kent's observation ?

A:-Third

B:-Fourth

C:-Ninth

D:-Twelfth

Correct Answer:- Option-D

Question37:-Homoeopathic aggravation occurs during which action of medicine ?

A:-Alternating action

B:-Primary action

C:-Secondary action

D:-Tautopathic action

Correct Answer:- Option-B

Question38:-Vis Medicatrix refers to

A:-Study of medicines

B:-Nature's self help in diseases

C:-Genus epidemicus

D:-Physiognomy

Correct Answer:- Option-B

Question39:-Which of the following statement is/are correct regarding different editions of Organon of Medicine ?

i. The Theory of Chronic diseases was introduced in fourth edition of Organon of Medicine.

ii. The Theory of Dynamization of medicines was introduced in fifth edition of Organon of Medicine.

iii. The concept of mesmerism was introduced in sixth edition of Organon of Medicine.

A:-i only

B:-iii only

C:-i and ii

D:-ii and iii

Correct Answer:- Option-C

Question40:-Boenninghausen's concept of 'Ubi' corresponds to the

A:-Seat of disease

B:-Concomitance

C:-Cause

D:-Modalities

Correct Answer:- Option-A

Question41:-Colicky pain in abdomen better by bending double or from pressure in a sour smelling child indicates predominance of which miasm ?

A:-Psora

B:-Sycosis

C:-Pseudo-psora

D:-Syphilis

Correct Answer:- Option-B

Question42:-Acute topical affections should first be treated with

- A:-Anti-syphilitic medicines
- B:-Sulphur
- C:-General store of proved medicines
- D:-Surgery

Correct Answer:- Option-C

Question43:-H. A. Roberts has described Auxiliar symptom as

- A:-Chief complaint
- B:-Symptom found only in terminal illness
- C:-Toxicological Symptom
- D:-Concomitant symptom

Correct Answer:- Option-D

Question44:-Which of the following does not belong to the class of chronic diseases ?

- A:-One sided diseases
- B:-Alternating diseases
- C:-Indisposition
- D:-Mental and emotional disease

Correct Answer:- Option-C

Question45:-Arrange the following concepts in the chronological order of their appearance in aphorism of sixth edition of Organon of Medicine.

- i. Accessory miasm
- ii. Highest ideal of cure
- iii. Idiosyncracies
- iv. Homoeopathic law of nature

- A:-i, ii, iv, iii
- B:-ii, iv, i, iii
- C:-ii, iv, iii, i
- D:-iii, i, ii, iv

Correct Answer:- Option-B

Question46:-Arrange the following works of Hahnemann in ascending order of their year of publications, from earliest to the least.

- i. Aesculapius in balance
- ii. Cure and Prevention of the Asiatic cholera
- iii. On a proposed remedy for Hydrophobia
- iv. Some kinds of continued and Remittent Fevers

- A:-iv, iii, i, ii
- B:-ii, i, iii, iv
- C:-i, iv, ii, iii

D:-iii, i, iv, ii

Correct Answer:- Option-A

Question47:-Which of the following statement is/are correct about the primary state of psora ?

- i. Primary stage of psora is characterized by mild itching eruptions on scalp.
- ii. Treatment of primary stage of psora demands large doses of specific remedy.
- iii. Administration of Psorinum in high dynamization is the first line of treatment of primary stage of psora.

A:-ii only

B:-ii and iii

C:-iii only

D:-i and iii

Correct Answer:- Option-A

Question48:-According to Freud, the part of personality that follows the pleasure principle is

A:-Ego

B:-Id

C:-Superego

D:-Conscience

Correct Answer:- Option-B

Question49:-Which is the medium used for cultivation of *Trichomonas vaginalis* ?

A:-Diamond medium

B:-Robertson cooked meat medium

C:-Novy-MacNeal-Nicolle medium

D:-Castaneda biphasic medium

Correct Answer:- Option-A

Question50:-Which National AIDS Control Organization (NACO) strategy is used for HIV (Human Immunodeficiency Virus) infection diagnosis in symptomatic patients ?

A:-Strategy I

B:-Strategy II A

C:-Strategy II B

D:-Strategy III

Correct Answer:- Option-C

Question51:-*Brevundimonas diminuta* is used as a sterilization control of

A:-ETO (Ethylene oxide)

B:-Ionizing radiation

C:-Non ionizing radiation

D:-Membrane filters

Correct Answer:- Option-D

Question52:-Find out the live vaccines among the following ?

- I. Sabin polio vaccine
- II. MMR vaccine
- III. Rota virus vaccine
- IV. Rabies vaccine

A:-I, II and IV

B:-II, III and IV

C:-I, II and III

D:-I and IV

Correct Answer:- Option-C

Question53:-Find out the true statement/statements regarding the following fungal infections ?

- I. Voriconazole is the drug of choice for Mucormycosis.
- II. Voriconazole is the drug of choice for cryptococcal meningitis.
- III. Candida auris is an emerging fungal pathogen which can cause outbreaks in health care settings.
- IV. Combination of trimethoprim (TMP) and Sulfamethoxazole (SMX) is the drug of choice for Pneumocystis jirovecii pneumonia.

A:-II, III and IV

B:-Only III

C:-III and IV

D:-I, III and IV

Correct Answer:- Option-C

Question54:-A 48 year old male patient presented to the medicine OPD with symptoms of fever, cough with rusty sputum of 3 weeks duration. His chest Xray shows dense infiltration in the right lower lobe. Sputum culture and sensitivity was sent, On blood agar alpha hemolytic colonies was grown. Gram stain showed gram positive diplococci. What is the likely pathogen ?

A:-Group A Streptococcus

B:-Streptococcus pneumoniae

C:-Staphylococcus aureus

D:-Haemophilus influenzae

Correct Answer:- Option-B

Question55:-All the following are concentration dependent antibiotics except

A:-Carbapenems

B:-Colistin

C:-Metronidazole

D:-Aminoglycosides

Correct Answer:- Option-A

Question56:-Which of the following regarding "Dying declaration" is correct ?

- A:-Doctor should certify sound disposing mind of the victim
- B:-Doctor should attest the statement recorded by the police
- C:-Oath should be administered before recording the statement
- D:-It is admissible in the court of law, if the victim survives

Correct Answer:- Option-A

Question57:-Match the following :

- | | |
|-----------------------------|--------------------------|
| I. Declaration of Geneva | a. Infliction of torture |
| II. Declaration of Helsinki | b. Therapeutic abortion |
| III. Declaration of Oslo | c. Hippocratic oath |
| IV. Declaration of Tokyo | d. Human experimentation |

A:-I - d; II - a; III - d; IV - c

B:-I - b; II - d; III - a; IV - c

C:-I - c; II - a; III - d; IV - b

D:-I - c; II - d; III - b; IV - a

Correct Answer:- Option-D

Question58:-A five-year-old child was brought to casualty with consumption of transparent crystalline substance. Examination tingling and numbness of fingers, positive Trousseau's sign and envelop shaped crystals in urine. Choose the specific antidote.

- A:-Bisphosphonates
- B:-Corticosteroids
- C:-Calcium gluconate
- D:-P-amino acetyl phenone

Correct Answer:- Option-C

Question59:-A 22-year-old male presents with abdominal pain for 12 hours. The pain initially started around the umbilicus and later shifted to the right iliac fossa. He has associated nausea and one episode of vomiting. On examination, his temperature is 39⁰C, pulse rate is 98/min, and there is localized tenderness with guarding at McBurney's point. Rovsing's sign is positive. Laboratory investigations reveal leukocytosis with neutrophilia.

What is the most likely diagnosis ?

- A:-Cholecystitis
- B:-Perforated duodenal ulcer
- C:-Acute appendicitis
- D:-Right ureteric colic

Correct Answer:- Option-C

Question60:-A 15-year-old male presents with acute scrotal pain, nausea and vomiting. On examination testes is positioned high and absence of cremasteric reflex on the affected side. What is the most likely diagnosis ?

A:-Torsion of testis

B:-Acute epididymo-orchitis

C:-Ureteric colic

D:-Strangulated inguinal hernia

Correct Answer:- Option-A

Question61:-Which of the following features helps to clinically differentiate a external hordeolum from a chalazion ?

A:-Hordeolum is chronic and painless, while chalazion is acute and tender

B:-Hordeolum is acute and painful, while chalazion is chronic and painless

C:-Both are acute infections of meibomian glands

D:-Both present with purulent discharge from the conjunctiva

Correct Answer:- Option-B

Question62:-Which of the following is the most common site of epistaxis in children and young adults ?

A:-Superior turbinate

B:-Woodruff's plexus

C:-Sphenopalatine artery

D:-Little's area (Kiesselbach's plexus)

Correct Answer:- Option-D

Question63:-Which of the following statements is/are incorrect about Pelvic Blood supply.

i. Blood supply to pelvis is predominantly provided by branches of external iliac artery.

ii. Anterior division of internal iliac artery provides blood supply to the pelvic organs and perineum.

iii. Uterine artery is a branch of the anterior division of internal iliac artery.

iv. Sampson artery is the artery to round ligaments.

A:-iv and iii

B:-i and iv

C:-ii

D:-i

Correct Answer:- Option-D

Question64:-Which of the following statements is/are true regarding bacterial vaginosis ?

i. Strawberry cervix

ii. Profuse, purulent malodourous vaginal discharge

iii. Fishy vaginal odour with grey vaginal discharge.

iv. Whiff test is negative.

A:-iv

B:-iii

C:-i and iv

D:-ii

Correct Answer:- Option-B

Question65:-Adverse prognostic variables in endometrial cancer are all except.

- i. Extension to cervix.
- ii. Lymphovascular space invasion.
- iii. Endometrioid or grade 1 histology.
- iv. Advancing patient age.

A:-iv

B:-i and ii

C:-iii

D:-ii

Correct Answer:- Option-C

Question66:-Following are the surgical procedures for the correction of the given condition except.

- i. Lefort Colpocleisis-Uterovaginal or vault prolapse for persons medically unfit for a major reconstructive surgery
- ii. Sacrospinous Colpopoxy - Vault prolapse
- iii. Mc Call culdoplasty - Transvaginal suspension of vaginal apex.
- iv. Ward Mayos operation - Amputation of cervix in infra vaginal elongation of cervix.
- v. Fothergills operation - Vaginal hysterectomy with pelvic floor repair.

A:-iv

B:-iii

C:-ii and i

D:-iv and v

Correct Answer:- Option-D

Question67:-Following statements regarding abortions is/are True except.

- i. Drugs used for medical abortions are Mefiprostone and misoprostol.
- ii. In threatened abortion fetal cardiac activity is absent.
- iii. 2 or more consecutive abortions are called recurrent pregnancy loss.
- iv. > 50% pregnancy losses due to APLA syndrome occurs in second trimester.

A:-i

B:-ii and iv

C:-iii

D:-i and iii

Correct Answer:- Option-B

Question68:-Hypercalcaemia is associated with which of the following conditions ?

- i. Hyperparathyroidism
- ii. Hyperthyroidism
- iii. Vitamin D-intoxication
- iv. Chronic Renal Failure

A:-Only i

B:-All except ii

C:-All the above

D:-Only i and iii

Correct Answer:- Option-C

Question69:-An ECG finding with 'M' pattern R wave in lead V₆, 'W' pattern S wave in V₁ with QRS width 100 ms. What will be your diagnosis ?

A:-Incomplete Left bundle branch block

B:-Incomplete Right bundle branch block

C:-Complete Left bundle branch block

D:-Complete Right bundle branch block

Correct Answer:- Option-A

Question70:-Acanthosis nigricans is associated with

A:-Adenocarcinoma of stomach

B:-Adenocarcinoma of lung

C:-Obesity

D:-All of the above

Correct Answer:- Option-D

Question71:-Which one about eosinophilia is not true ?

A:-Eosinophil should be $> 300/\mu\text{L}$ of blood

B:-Tissue eosinophilia can occur without elevated blood count

C:-It is associated with allergies

D:-It occurs in Rheumatoid arthritis

Correct Answer:- Option-A

Question72:-Which is/are the symptoms of autism ?

i. Qualitative impairments in social interactions.

ii. Qualitative impairment in verbal and non-verbal communication.

iii. Markedly restricted repertoire of activities and interests

iv. Insistence for limited choice of food and refusal to try new foods.

A:-Only i

B:-Only ii

C:-Only i, ii and iii

D:-All the above

Correct Answer:- Option-D

Question73:-The two commonly used markers of severe inflammation are

A:-Erythrocyte Sedimentation Rate (ESR) and C-reactive protein (CRP)

B:-CRP and Procalcitonin (PCT)

C:-ESR and D-dimers

D:-PCT and D-dimers

Correct Answer:- Option-B

Question74:-Which is not a relevant gastro-intestinal disorder causing unintentional weight loss ?

A:-Malabsorption

B:-Irritable bowel syndrome

C:-Inflammatory Bowel Disease

D:-Peptic ulcer

Correct Answer:- Option-B

Question75:-Rapid Plasma Reagin (RPR) and VDRL both are 'Reactive' in

i. Syphilis

ii. Yaws

iii. Pinta

iv. Malaria

A:-Only i

B:-All except iv

C:-All of the above

D:-Only i, iii and iv

Correct Answer:- Option-B

Question76:-Micrographia is associated with

A:-Resting tremor

B:-Postural tremor

C:-Kinetic tremor

D:-Action tremor

Correct Answer:- Option-A

Question77:-Which is not true about a case of Acute Severe Asthma ?

A:-Low PEF in spirometry

B:-Arterial blood gas analysis shows hypoxemia

C:-P_{CO2} is high

D:-Inability to complete a sentence

Correct Answer:- Option-C

Question78:-In the design and analysis of epidemiological studies, which of the following statement is incorrect ?

A:-Randomization in a clinical trial helps to control for both known and unknown confounders

B:-Selection bias occurs when the relationship between exposure and disease is different for those who participate in the study versus those who are eligible but do not participate

C:-Confounding can be corrected during the data analysis stage by using methods such as stratification or multivariate modeling

D:-Increasing the sample size of a study is an effective way to eliminate the effects of confounding and systematic bias

Correct Answer:- Option-D

Question79:-Regarding the transmission and control of Typhoid fever, which of the following statements is incorrect ?

A:-The "Chronic Carrier" state is more common in females than in males, often associated with underlying gallbladder disease or gallstones

B:-The Vi antigen is a surface polysaccharide that is used in the formulation of modern injectable typhoid vaccines

C:-The Widal test remains the gold standard for diagnosis in the first week of the fever due to its high sensitivity and specificity

D:-Secondary attack rates of typhoid in households are relatively low compared to respiratory diseases like measles

Correct Answer:- Option-C

Question80:-Which of the following statements is/are correct regarding the epidemiology and screening of Diabetes Mellitus ?

I. Glycosuria (sugar in urine) is a highly sensitive and specific screening tool for early detection of diabetes in the community.

II. Obesity is the most important modifiable risk factor for Type 2 Diabetes, often linked with insulin resistance.

III. Secondary prevention of Diabetes involves "population strategy" through the promotion of healthy physical activity and dietary habits.

IV. A "High-risk strategy" for diabetes screening targets individuals with a family history, obesity, or a history of gestational diabetes.

A:-Only I, II and III

B:-Only I, II and IV

C:-Only I and II

D:-Only II and IV

Correct Answer:- Option-D

Question81:-Regarding the assessment of growth and malnutrition in children, which of the following statements is/are correct ?

I. Weight-for-Age is the best indicator for "Stunting" and reflects long-term, chronic malnutrition.

II. Weight-for-Height (Wasting) is a sensitive indicator of "acute" malnutrition or recent weight loss.

III. Mid-Upper Arm Circumference (MUAC) less than 11.5 cm is used to identify Severe Acute Malnutrition (SAM) in children aged 6-59 months.

IV. The main symptoms of Marasmus are wasting, liver enlargement, hypoalbuminaemia, edema and steatosis.

A:-Only I and III

B:-Only II and IV

C:-Only I and II

D:-Only II and III

Correct Answer:- Option-D

Question82:-Which of the following statements regarding Intra Uterine Contraceptive Devices (IUCDs) are correct ?

- I. Copper IUCDs act primarily by preventing implantation
- II. IUCDs increase the risk of pelvic inflammatory disease mainly in the first few weeks after insertion.
- III. IUCDs are contraindicated in women with multiple sexual partners.
- IV. Copper IUCDs increase menstrual blood loss.

A:-Only I and II

B:-Only II, III and IV

C:-Only I, III and IV

D:-Only II and IV

Correct Answer:- Option-B

Question83:-Which of the following statements regarding demographic indicators are correct ?

- I. Crude Birth Rate does not account for age-sex composition of the population.
- II. Total Fertility Rate represents the average number of children a woman would have during her reproductive life.
- III. Infant Mortality Rate is a sensitive indicator of socioeconomic development.
- IV. General Fertility Rate is less useful than Crude Birth Rate for comparison between populations.

A:-Only I, II and III

B:-Only II, III and IV

C:-Only I, III and IV

D:-Only II and IV

Correct Answer:- Option-A

Question84:-Which of the following statements regarding mean, median and mode are correct ?

- I. Mean is affected by extreme values.
- II. Mean is preferred over median in skewed distributions.
- III. Mode is the least useful measure of central tendency in medical statistics.
- IV. In a symmetrical distribution, mean = median = mode.

A:-Only I, II and III

B:-Only II, III and IV

C:-Only I, III and IV

D:-All the above

Correct Answer:- Option-C

Question85:-Which of the following statements regarding pneumoconiosis are

correct ?

- I. It is caused by inhalation of inorganic dusts.
- II. Coal workers' pneumoconiosis is a fibrogenic disease.
- III. Asbestosis is associated with pleural plaques and mesothelioma.
- IV. Pneumoconiosis is fully reversible on removal from exposure.

A:-Only I, II and III

B:-II, III and IV

C:-Only I, III and IV

D:-All the above

Correct Answer:- Option-A

Question86:-In homoeopathic case taking, the process of analysis and evaluation of symptoms is primarily aimed at

A:-Diagnosing the disease

B:-Eliminating uncommon symptoms

C:-Determining the relative value of symptoms

D:-Confirming pathological findings

Correct Answer:- Option-C

Question87:-Which of the following best represents individualization of a case ?

A:-Grouping symptoms according to organs

B:-Emphasis on common disease symptoms

C:-Selection of peculiar, uncommon and characteristic symptoms

D:-Prescribing based on clinical diagnosis

Correct Answer:- Option-C

Question88:-The concept of repertorial totality refers to

A:-All symptoms expressed by the patient

B:-Symptoms confirmed by investigations

C:-Symptoms selected and translated into repertory rubrics

D:-Symptoms explained by pathology

Correct Answer:- Option-C

Question89:-Which step of repertorisation requires conversion of patient language into repertory language ?

A:-Case taking

B:-Evaluation of symptoms

C:-Selection of rubrics

D:-Analysis of results

Correct Answer:- Option-C

Question90:-The major limitation of repertory lies in the fact that it

A:-Contains too many remedies

B:-Cannot replace materia medica

C:-Is difficult to use

D:-Is based on philosophy

Correct Answer:- Option-B

Question91:-Bioenninghausen's method of repertorisation is mainly based on

A:-Mental generals

B:-Pathological generals

C:-Doctrine of complete symptom

D:-Clinical confirmations

Correct Answer:- Option-C

Question92:-Which feature distinguishes Kent's Repertory from earlier repertories ?

A:-Alphabetical arrangement

B:-Emphasis on particulars

C:-Hierarchical arrangement of symptoms

D:-Clinical Orientation

Correct Answer:- Option-C

Question93:-In Kent's Repertory, symptoms related to appetite, thirst and sleep are classified under

A:-Particulars

B:-Mental generals

C:-Physical generals

D:-Clinical symptoms

Correct Answer:- Option-C

Question94:-The purpose of gradation of remedies under a rubric is to indicate

A:-Potency strength

B:-Frequency of clinical use

C:-Relative intensity and importance of remedies

D:-Toxicity of drugs

Correct Answer:- Option-C

Question95:-The Therapeutic Pocket Book is especially useful when a case presents with

A:-Prominent mental symptoms

B:-Clear pathological diagnosis

C:-Well-marked modalities and concomitants

D:-Numerous particulars

Correct Answer:- Option-C

Question96:-Which repertory is considered a bridge between Boenninghausen and Kent ?

A:-Kent's Repertory

B:-Boger-Boenninghausen Repertory

C:-Murphy's Repertory

D:-Clinical repertories

Correct Answer:- Option-B

Question97:-Bell's Diarrhoea is classified as a

A:-General repertory

B:-Regional repertory

C:-Clinical repertory

D:-Synthetic repertory

Correct Answer:- Option-C

Question98:-Card repertories primarily assist the physician by

A:-Enhancing philosophical understanding

B:-Providing exhaustive Material Medica

C:-Offering mechanical aid in repertorisation

D:-Improving drug proving

Correct Answer:- Option-C

Question99:-Minton's Uterus is best described as

A:-General repertory

B:-Synthetic repertory

C:-Regional repertory

D:-Clinical repertory

Correct Answer:- Option-C

Question100:-Computer software like RADAR, ISIS and Homopath mainly enhance repertorisation by

A:-Replacing physician's judgment

B:-Providing automatic prescriptions

C:-Faster analysis and cross-referencing of rubrics

D:-Selecting potency

Correct Answer:- Option-C