

## PROVISIONAL ANSWER KEY

Question 27/2025/OL

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Exam: Assistant Surgeon/Casualty Medical Officer

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Department Health Services

Question1:-The wrong statement regarding dengue fever :

A:-Progressive increase in haematocrit with a rapid decrease in platelet count is a warning sign

B:-Prophylactic platelet transfusion may be considered for counts  $< 20,000/\text{mm}^3$  without bleed

C:-Pregnancy, obesity, and peptic ulcer disease are high risk factors for severe dengue

D:-Blood transfusion should be given to patients with falling hematocrit with unexplained hypotension

Correct Answer:- Option-B

Question2:-Based on the syndromic management of STI by NACO, color coded kit and targeted syndrome are given. Find the correct match.

A:-White - Vaginal discharge

B:-Green - Urethral discharge

C:-Brown - Anorectal discharge

D:-Red - Lower abdominal pain

Correct Answer:- Option-C

Question3:-36-year-old female present to the casualty with acute onset dyspnea, chest tightness and feeling of impending doom. She gives a history of sea food intake couple of hours back. On examination you noticed swelling of lips with urticaria. Her BP was 80/50 mmHg spo<sub>2</sub> 70% in room air with PR 46/min. On auscultation you hear bilateral wheeze. What is the next best step in the management?

A:-Give epinephrine 0.3 to 0.5 mg IM in the mid-outer thigh

B:-Consider giving methylprednisolone 125 mg IV

C:-Keep  $\text{O}_2$  and shift for chest x ray

D:-Nebulization with salbutamol to relieve bronchospasm

Correct Answer:- Option-A

Question4:-All are true regarding treatment of hemophilia except

A:-Primary prophylaxis is defined as maintaining the missing clotting factor at levels  $\sim 1\%$  or higher to prevent bleeds

B:-The FVIII has a half-life of 8-12 h and requires injections twice a day

C:-DDAVP is used for the treatment of severe hemophilia A

D:-Bleeding in the gums and GIT can be treated with Tranexamic acid

Correct Answer:- Option-C

Question5:-Which of the following is not used for the treatment of Hepatitis C in India?

A:-Entecavir

B:-Sofosbuvir

C:-Ribavirin

D:-Velpatasvir

Correct Answer:- Option-A

Question6:-A 24-year-old female was admitted with alleged history of ingestion of 30 tablets of 10 mg Amlodipine. Which of the following therapeutic options are ineffective in this patient?

A:-IV Calcium gluconate 10% solution

B:-IV glucagon

C:-IV high dose insulin + dextrose

D:-Hemodialysis

Correct Answer:- Option-D

Question7:-Choose the correct option based on the statements below :

i. ASV available in India is polyvalent freeze-dried with a shelf life of 5 years

ii. Dose of ASV in pregnancy is same as for non-pregnant adults

iii. In case of known drug allergy ASV test dose should be administered

iv. Purely local swelling, even if accompanied by a bite mark, is not a ground for administering

ASV.

A:-Only i and ii are correct

B:-Only i, ii, iii are incorrect

C:-Only iii and iv are incorrect

D:-Only i, ii, iv are correct

Correct Answer:- Option-D

Question8:-All the drugs have mortality benefit and reduce further heart failure hospitalization in HFrEF except :

A:-Sacubitril-Valsartan

B:-Dapagliflozin

C:-Spironolactone

D:-Digoxin

Correct Answer:- Option-D

Question9:-Wrong statement regarding life style modification to management of

systemic hypertension is :

A:-Attain and maintain BMI  $< 25 \text{ kg/m}^2$

B:-Dietary salt reduction  $< 6 \text{ g NaCl/d}$  with low potassium diet

C:-Diet rich in fruits, vegetables, and low-fat dairy products

D:-For those who drink alcohol, consume  $\leq 2$  drinks/d in men and  $\leq 1$  drink/d in women

Correct Answer:- Option-B

Question10:-All are true regarding Ulcerative Colitis (UC) except :

A:-Has a bimodal age distribution of peak incidence

B:-Previous appendectomy with confirmed appendicitis particularly at a young age has a protective effect

C:-Strongest risk factor for UC is the presence of first degree relative with the disease

D:-Oral contraceptive use is associated with an increased risk of UC

Correct Answer:- Option-D

Question11:-Management of hepatic encephalopathy includes

(i) Rifaximin

(ii) Lactulose bowel wash

(iii) Portosystemic shunt

A:-Only (ii & iii)

B:-Only (i & ii)

C:-All of the above (i, ii & iii)

D:-Only (i & iii)

Correct Answer:- Option-B

Question12:-Which of the following statements is/are correct about haemoglobinopathies?

(i) Polymerisation of abnormal hemoglobin to produce hemolysis occurs in thalassemia

(ii) Clinical features of sickle cell disease include chronic renal failure, stroke, retinopathy

(iii) Daily folic acid supplementation and allogeneic stem cell transplant from HLA matched sibling are used in treatment of both thalassemia and sickle cell disease

A:-Only (ii & iii)

B:-Only (i & ii)

C:-All of the above (i, ii & iii)

D:-Only (i & iii)

Correct Answer:- Option-A

Question13:-Which of the following statements is correct about ARDS?

A:-Pathophysiology includes hypoxaemia due to decreased pulmonary shunt

B:-Management of ARDS is supportive, including lung protective mechanical

ventilation and inducing a positive fluid balance

C:-Prone positioning is used in management

D:-ECMO is contraindicated

Correct Answer:- Option-C

Question14:-Which of the following statements is/are correct about drug induced renal disease?

(i) NSAIDs increase afferent arteriolar resistance

(ii) ACE inhibitors increase efferent arteriolar resistance

(iii) Radiographic contrast media is directly toxic to proximal tubular cells

A:-Only (ii & iii)

B:-Only (i & ii)

C:-All of the above (i, ii & iii)

D:-Only (i & iii)

Correct Answer:- Option-D

Question15:-Which of the following statements is correct about Guillain Barre Syndrome?

A:-A rapidly evolving areflexic paralysis with absent fever and characteristic sensory level

B:-Prominent bladder dysfunction does not occur early

C:-Miller Fisher syndrome presents with ophthalmoplegia, aphasia and areflexia

D:-Etiology is autoimmune, and treatment of choice is pulsed high dose inj. methylprednisolone for 5 days

Correct Answer:- Option-B

Question16:-Which of the following statements is/are correct about falls in old age?

A:-A fall is an unexpected event in which the person comes to rest on the ground with known loss of consciousness

B:-Use of a walking aid is a risk factor for falls

C:-A 'get up and go' test is not useful over 65 years of age

D:-Elevated procalcitonin levels indicate 10 year risk of major osteoporotic fracture more than 10%

Correct Answer:- Option-B

Question17:-A 30 year old male presented with recurrent oral ulcers at least three times in 12 months, uveitis, recurrent genital ulcers and erythema nodosum. The test for diagnosis is

A:-Anti Scl70

B:-Antinuclear antibody

C:-Pricking skin with needle and looking for pustule within 48 hours

D:-Scratching skin and looking for identical skin lesion within 48 hours

Correct Answer:- Option-C

Question18:-Drugs that reduce albuminuria in Type 2 Diabetes mellitus is/are

- (i) ACE inhibitor or ARB
- (ii) SGLT2 inhibitor
- (iii) DPP4 inhibitor

A:-Only (ii & iii)

B:-Only (i & ii)

C:-All of the above (i, ii & iii)

D:-Only (i & iii)

Correct Answer:- Option-B

Question19:-Which of the following statements is/are correct about thyroid disease in pregnancy?

(i) Trimester specific reference ranges should be used to interpret thyroid function tests in pregnancy

(ii) Propylthiouracil is associated with risk of hepatotoxicity

(iii) Carbimazole should be used in the first trimester and propylthiouracil used in the second and third trimesters

A:-Only (ii & iii)

B:-Only (i & ii)

C:-All of the above (i, ii & iii)

D:-Only (i & iii)

Correct Answer:- Option-B

Question20:-Which of the following statements is correct about hyponatremia?

A:-Slow correction can cause fatal myelinolysis

B:-Oral urea therapy is used in management

C:-Absolute hyponatremia is caused by hyperlipidemia

D:-Vasopressin receptor antagonists are contraindicated in severe euvoletic hyponatremia

Correct Answer:- Option-B

Question21:-The manoeuvre which promotes flexion of the head and minimise perineal lacerations during delivery

A:-Modified Ritgen manoeuvre

B:-Femoropelvic grip

C:-Delayed cord clamping

D:-Modified Brandt Andrews method

Correct Answer:- Option-A

Question22:-In the ultrasound determination of chorionicity Twin peak sign is characteristic of

A:-Monozygotic twins

B:-Monochorionic twins

C:-Dichorionic twins

D:-None of the above

Correct Answer:- Option-C

Question23:-The granulosa cells surrounding the primary oocyte constitutes the \_\_\_\_\_.

A:-Zona pellucida

B:-Cumulus oophorus

C:-Antral follicle

D:-None of the above

Correct Answer:- Option-B

Question24:-The diagnosis of significant proteinuria in pregnancy is

A:-200 mg in 24 hours or more

B:-300 mg in 24 hours or more

C:-100 mg in 24 hours or more

D:-Protein creatinine ratio of 0.5 or more

Correct Answer:- Option-B

Question25:-The longest anteroposterior diameter of the foetal head is

A:-Suboccipitofrontal diameter

B:-Occipitofrontal diameter

C:-Vertico mental diameter

D:-Sub mento bregmatic diameter

Correct Answer:- Option-C

Question26:-An oxytocin antagonist which is safe and effective

A:-Dexamethasone

B:-Atosiban

C:-Nifedipine

D:-Indomethacin

Correct Answer:- Option-B

Question27:-The enzyme which converts testosterone to dihydrotestosterone

A:-21-Hydroxylase

B:-11-Hydroxylase

C:- $3\beta$ -dehydrogenase

D:- $5\alpha$ -reductase

Correct Answer:- Option-D

Question28:-A platelet function defect which causes abnormal uterine bleeding

- A:-Von-Willebrand disease
- B:-Glanzman's thrombasthenia
- C:-Hemoglobinopathies
- D:-Aplastic anemia

Correct Answer:- Option-B

Question29:-GnRH antagonist which can be used for medical management of fibroids

- A:-Goserelin
- B:-Cetrorelix
- C:-Mifepristone
- D:-Vasopressin

Correct Answer:- Option-B

Question30:-A rare organism responsible for pelvic inflammatory disease and is typically linked to IUD usage

- A:-Chlamydia trachomatis
- B:-Gardnerella
- C:-Actinomyces
- D:-Enterococci

Correct Answer:- Option-C

Question31:-The quadrivalent vaccine which is effective against human papilloma virus

- A:-Cervarix
- B:-Auto cytoprep system
- C:-Gardasil
- D:-Delphi device

Correct Answer:- Option-C

Question32:-The intact form of  $\beta$ -hcG produced by invasive cytotrophoblast

- A:-hcG-H
- B:-hcG-B
- C:-Phantom  $\beta$ -hcG
- D:-hcG-A

Correct Answer:- Option-A

Question33:-In transvaginal ultrasound scanning the appearance of a endometriotic cyst is classically termed

- A:-Snow storm appearance
- B:-Ground glass appearance
- C:-Cog-wheel appearance

D:-None of the above

Correct Answer:- Option-B

Question34:-The causative organism of Lymphogranuloma inguinale is

A:-Haemophilus ducreyi

B:-Chlamydia trachomatis

C:-Gardenerella vaginalis

D:-Mycoplasma hominis

Correct Answer:- Option-B

Question35:-Cause of deterioration in a case of head injury on 3rd day is

A:-Cortical vein thrombosis

B:-Cerebral ischaemia

C:-Brain edema

D:-Spreading hematoma

Correct Answer:- Option-C

Question36:-Triad of Pin point pupil, pyrexia, paralysis is seen in

A:-Subdural haemorrhage

B:-Morphine poisoning

C:-Pontine haemorrhage

D:-Midbrain lesion

Correct Answer:- Option-C

Question37:-Management of persistent CSF rhinorrhoea is

A:-Antibiotics

B:-Nasal packing

C:-Repeated lumbar puncture

D:-Surgical repair of dural tear

Correct Answer:- Option-D

Question38:-The commonest primary brain tumor is

A:-Glioma

B:-Glioblastoma

C:-Meningioma

D:-Medulloblastoma

Correct Answer:- Option-A

Question39:-Paradoxical respiratory movements occur in

A:-Flail chest

B:-Fracture of a rib

C:-Diaphragmatic hernia



D:-Diaphragm paralysis

Correct Answer:- Option-A

Question40:-Calcified hydatid cyst is most common in

A:-Spleen

B:-Lungs

C:-Kidney

D:-Brain

Correct Answer:- Option-A

Question41:-Which one is not poor prognostic factor for acute pancreatitis?

A:-Hyperglycemia

B:-Hypocalcemia

C:-Raised LDH level in blood

D:-Hyperamylasemia

Correct Answer:- Option-D

Question42:-Vascular complications of acute pancreatitis include the following except :

A:-Splenic vein thrombosis

B:-Splenic artery aneurysm

C:-Gastroduodenal artery aneurysm

D:-Middle colic artery thrombosis

Correct Answer:- Option-D

Question43:-All are seen in chronic calcific pancreatitis except

A:-Diabetes mellitus

B:-Fat malabsorption

C:-Hypercalcemia

D:-Recurrent abdominal pain

Correct Answer:- Option-C

Question44:-After 3 weeks of duration pancreatic pseudocyst 5 cm in size should be managed by which method?

A:-Cystogastrostomy

B:-External drainage

C:-Needle aspiration

D:-USG and follow up

Correct Answer:- Option-D

Question45:-Earliest sign of deep vein thrombosis is

A:-Calf tenderness

B:-Rise in temperature

C:-Swelling of calf muscle

D:-Homan's sign

Correct Answer:- Option-A

Question46:-TRIVEX is a percutaneous technique of

A:-Intravenous intraluminal destruction of vein by ablation catheter

B:-Intravenous intraluminal injection of sclerosant like sodium tetradecyl sulphate

C:-Removal of vein by suction following injection of fluid

D:-Stripping of veins

Correct Answer:- Option-C

Question47:-BRCA-1 gene is located on

A:-Chromosome 13

B:-Chromosome 11

C:-Chromosome 17

D:-Chromosome 22

Correct Answer:- Option-C

Question48:-Which of the following is colour code and explanation is matched correctly as per the triage used in disaster management?

A:-Red-Deceased

B:-Black-Minor injuries

C:-Yellow-Stable patients, observation

D:-Green-Need immediate intervention

Correct Answer:- Option-C

Question49:-A medical officer in charge of a Primary Health Centre decided to conduct a screening camp in the community for early diagnosis and treatment of diabetes mellitus and hypertension. It represents

A:-Primordial prevention

B:-Primary Prevention

C:-Secondary Prevention

D:-Tertiary Prevention

Correct Answer:- Option-C

Question50:-An outbreak of a disease was reported from a PHC with a population of 20,000. There were 50 cases of the disease with 2 deaths from that disease in that area. What is the case fatality rate?

A:-0.01%

B:-0.25%

C:-2%

D:-4%

Correct Answer:- Option-D

Question51:-A medical officer wanted to conduct a research to estimate the prevalence of hypertension among young adults in his PHC area. What is the most appropriate study design for his objective?

A:-Case series

B:-Case control study

C:-Cross-sectional study

D:-Cohort study

Correct Answer:- Option-C

Question52:-Prevention and control of juvenile delinquency is an example of

A:-Social defense

B:-Social stress

C:-Acculturation

D:-Social psychology

Correct Answer:- Option-A

Question53:-The following statements are correct about chlorination of water EXCEPT

A:-The disinfecting action of chlorine is mainly due to hypochlorous acid

B:-Chlorine acts best at a pH of 8

C:-Presence of free residual chlorine for a contact period of 1 hour is essential

D:-Disinfecting of large water bodies can be done using chlorine gas

Correct Answer:- Option-B

Question54:-Which of the following disease is transmitted by Hard tick?

A:-Tick typhus

B:-Scrub typhus

C:-Epidemic typhus

D:-Endemic typhus

Correct Answer:- Option-A

Question55:-From a class of 300 students, a researcher required a sample size of 30 students to collect data. A number less than 10 was randomly chosen from the attendance register and every 10th number from that point was selected till the required sample size was met. This type of sampling is

A:-Simple random sampling

B:-Stratified random sampling

C:-Systematic random sampling

D:-Multi-stage random sampling

Correct Answer:- Option-C

Question56:-A 2 year old child was brought to the PHC with complaints of fever, cough and breathlessness. On examination, the child was febrile with a respiratory rate of 50 breaths per minute with no chest in drawing. The illness can be classified as

- A:-No pneumonia
- B:-Pneumonia
- C:-Severe Pneumonia
- D:-Very severe disease

Correct Answer:- Option-B

Question57:-Under Polio Eradication and Endgame strategic plan, to achieve and sustain a polio-free world, the following steps are involved, EXCEPT

- A:-Introduction of inactivated polio vaccine in routine immunization
- B:-Switch from trivalent oral polio vaccine to bi-valent oral polio vaccine
- C:-Withdrawing OPV type 3 from tri-valent OPV in all immunization sessions
- D:-Eventual withdrawal of all OPV worldwide

Correct Answer:- Option-C

Question58:-A man came to the PHC with complaints of domestic dog bite over left leg with oozing of blood. He gave a history of taking full course of anti-rabies vaccination 2 years back following a stray dog bite. What is the post-exposure prophylaxis to be given?

- A:-Equine rabies immunoglobulin 40 IU/kg body weight
- B:-ARV on day 0, 7, 21 and ERIG 40 IU/kg body weight
- C:-ARV on day 0, 3 and ERIG 20 IU/kg body weight
- D:-ARV on day 0, 3

Correct Answer:- Option-D

Question59:-The MOHFW launched Lacshya Program in 2017 to

- A:-Improve the quality of care in labour room
- B:-To decrease out-of-pocket expenditure during pregnancy
- C:-To encourage hospital delivery
- D:-To ensure free distribution of Iron and Folic acid during Pregnancy

Correct Answer:- Option-A

Question60:-Syndromes under surveillance in Integrated Disease surveillance program include the following EXCEPT

- A:-Cough more than 3 weeks duration
- B:-Urethral discharge
- C:-Acute Flaccid Paralysis
- D:-Jaundice

Correct Answer:- Option-B

Question61:-Net Protein Utilization (NPU) is highest for

A:-Milk

B:-Meat

C:-Soyabean

D:-Egg

Correct Answer:- Option-D

Question62:-The early warning signs of cancer include the following EXCEPT

A:-a change in a wart or mole

B:-a persistent cough or hoarseness

C:-hypo-pigmented anesthetic patch over skin

D:-un-explained loss of weight

Correct Answer:- Option-C

Question63:-Which is NOT true of Bronchiolitis?

A:-Young infants may present with Apnoea

B:-Blood investigations must be done routinely in the assessment of children with Bronchiolitis

C:-There is no evidence of benefit for supplemental oxygen in infants who do not have hypoxia

D:-Palivizumab is a monoclonal antibody used in treatment

Correct Answer:- Option-B

Question64:-Which is NOT true about Acute Laryngotracheal Bronchitis?

A:-Inflammation leads to narrowing of subglottic region

B:-Most common cause is viral infection

C:-Loudness of stridor is a good indicator of severity of obstruction

D:-Falling of saturation is late and it is not a substitute for clinical assessment

Correct Answer:- Option-C

Question65:-Which of the following is NOT true of Respiratory disease of prematurity?

A:-Ante Natal Steroids should be used at 24-34 weeks of gestation

B:-Betamethasone is the preferred steroid in mothers

C:-Chest Xray of shows ground glass appearance

D:-Continuous Positive Airway Pressure (CPAP) is the non invasive alternative to mechanical ventilation in apneic babies

Correct Answer:- Option-D

Question66:-Which of the following is NOT true of hemolytic disease of newborn?

A:-Maternal IgG antibodies that cross placenta and is attached to fetal Rh positive cells

B:-Antigen D is more antigenic than E

C:-Concomitant presence of OA incompatibility increases chance of Rh isoimmunization

D:-Middle cerebral artery peak systolic flow is a measure of severity of fetal anemia

Correct Answer:- Option-C

Question67:-Which is NOT true of Ascariasis in Children?

A:-Piperazine citrate is recommended if there is risk of intestinal obstruction

B:-Loeffler's syndrome is a manifestation of ascariasis

C:-School age children are more vulnerable to infection

D:-Adult worms are killed by Albendazole 400 mg single dose

Correct Answer:- Option-C

Question68:-Which of the following is NOT a common feature of children with Diplegic Cerebral Palsy?

A:-"W" sitting

B:-Commando Crawl

C:-Scissoring of Gait

D:-Intellect is not preserved

Correct Answer:- Option-D

Question69:-A 1-year-old boy born of invitro fertilization with normal growth and development presented with fever 7 days with non-purulent conjunctivitis, erythematous generalized maculopapular rash, cracked tongue and cervical lymph nodes (>1.5 cm). Which of the following is NOT true in this patient?

A:-Diagnosis is incomplete Kawasaki Disease

B:-Febrile phase lasts for initial 2 weeks

C:-Highest risk for sudden death is in subacute phase of Kawasaki Disease

D:-Drug of choice is IV immunoglobulin 2 gm/Kg in 12 hours

Correct Answer:- Option-A

Question70:-Which of the following is NOT a feature of recurrent febrile seizures?

A:-Age less than 18 months

B:-Multiple seizures

C:-Focal seizures occurring at low grade fever episodes of less than 40°C

D:-Absence of Family History

Correct Answer:- Option-D

Question71:-Which of the following is NOT a feature of Central Precocious Puberty?

A:-More common in girls

B:-Pubertal development is not sequential

C:-Etiology in majority of girls is idiopathic

D:-Younger the child the greater is likelihood of underlying pathology

Correct Answer:- Option-B

Question72:-Which of the following is NOT a cause for Microcephaly in children?

A:-Fragile X syndrome

B:-Phenylketonuria (PKU)

C:-Congenital Cytomegalo Virus infection (CMV)

D:-Congenital Hypothyroidism (untreated)

Correct Answer:- Option-A

Question73:-8-Month-old baby girl presented with bilateral pedal edema, weight for height is less than 70 percentage, respiratory rate is 68 per minute. Which of the following is TRUE regarding this child?

A:-Diagnosis is uncomplicated Severe Acute Malnutrition (SAM)

B:-This patient can be managed on outpatient basis

C:-The cut off for hypoglycemia is 45 mg/dl

D:-The dose of vitamin A is 1 lakh units

Correct Answer:- Option-C

Question74:-Which of the following statements is NOT true regarding a 16-year-old girl with Turner's syndrome?

A:-Ultrasound Scan shows streak ovaries and hypoplastic uterus

B:-FSH and LH levels are reduced

C:-Association with renal anomalies are frequent

D:-Treatment with Growth Hormone will improve adult height

Correct Answer:- Option-B

Question75:-Advantages of propofol as induction agent in Anaesthesia includes all the following except

A:-Fast induction and fast recovery

B:-Good analgesic and do not produce allergic reactions

C:-Can be used in asthmatic patients

D:-Has anti emetic and antipruritic effects

Correct Answer:- Option-B

Question76:-Chemical agents used as weapons for Bioterrorism includes all the following except

A:-Sarin Gas

B:-Mustard Gas

C:-Ethylene Oxide Gas

D:-Cynide Gas

Correct Answer:- Option-C

Question77:-Choose correct option regarding functions of National Medical Commission (NMC)

- (i) Dealing with cases of unethical practices by registered Medical practitioners.
- (ii) Accreditation to CME programmes by allotting credit hours
- (iii) Improve access to quality and affordable medical education
- (iv) Enforce high ethical standards in all aspects of medical services
- (v) Registration of qualifications recognized in Modern Medicine, Homoeopathic Medicine and Indian Systems of Medicines
- (vi) Encourages medical professionals to adopt latest medical research in their work

A:-(i), (ii) and (v) are correct

B:-(ii), (iii) and (iv) are correct

C:-(iii), (iv) and (vi) are correct

D:-(iv), (v) and (vi) are correct

Correct Answer:- Option-C

Question78:-Sections of Bharathiya Nagarik Suraksha Samhita (BNSS) dealing with summons are

A:-Sec 33-41 BNSS

B:-Sec 63-71 BNSS

C:-Sec 111-123 BNSS

D:-Sec 196-203 BNSS

Correct Answer:- Option-B

Question79:-In the World Health Organization definitions, the extent and nature of the level of functioning of a person is known as

A:-Participation

B:-Activity

C:-Impairment

D:-Rehabilitation

Correct Answer:- Option-B

Question80:-All of the following are deep heat physical modalities, except

A:-Ultrasound

B:-Shortwave

C:-Microwave

D:-Paraffin bath

Correct Answer:- Option-D

Question81:-A 55-year-old diabetic patients with a slowly progressive, painless swelling of the left ankle for 6 months and difficulty in weight-bearing. X-ray shows joint destruction new bone formation and loose bodies. Probable diagnosis is

A:-Pyogenic septic arthritis



B:-Tuberculous arthritis

C:-Pigmented Villonodular Synovitis (PVNS)

D:-Neuropathic joint

Correct Answer:- Option-D

Question82:-A 8-year-old child presents 2 years after supracondylar fracture treated with cast immobilization. Examination shows cubitus varus deformity but full elbow range of motion.

What is the next best step?

A:-Lateral closing wedge osteotomy

B:-Wait and watch till skeletal maturity

C:-Ulnar nerve transposition

D:-Lateral open wedge osteotomy

Correct Answer:- Option-B

Question83:-A 55-year-old man presents with bone pain, high-output heart failure and elevated alkaline phosphatase. X-ray shows cotton wool appearance of the skull. What is the most likely diagnosis?

A:-Osteosarcoma

B:-Paget's disease

C:-Hyperparathyroidism

D:-Multiple myeloma

Correct Answer:- Option-B

Question84:-A 30-year-old lady presents with persistent dull pain in the pelvis. X-ray shows a lobulated, calcified lesion in the ilium. MRI confirms cortical destruction. What is the most likely diagnosis?

A:-Osteosarcoma

B:-Chondrosarcoma

C:-Fibrous dysplasia

D:-Ewing's sarcoma

Correct Answer:- Option-B

Question85:-Paralysis of Recurrent Laryngeal nerve does not affect

A:-Thyroarytenoid

B:-Lateral Cricothyroid

C:-Vocalis

D:-Cricothyroid

Correct Answer:- Option-D

Question86:-MRI is more appropriate in evaluating

A:-Extent of disease in chronic sinusitis

B:-Suspected intraorbital or intracranial spread

C:-To know anatomical details in extensive polyposis

D:-Location of Anterior and Posterior Ethmoidal arteries

Correct Answer:- Option-B

Question87:-Patients with petrous apicitis and diplopia has a palsy of cranial nerve

A:-III

B:-IV

C:-VI

D:-VII

Correct Answer:- Option-C

Question88:-'Tear drop' sign is a feature of

A:-Tripod fracture zygoma

B:-Fracture cribriform plate

C:-Orbital blow out feature

D:-Lefort 1 fracture

Correct Answer:- Option-C

Question89:-The causes of Leukocoria can be the following EXCEPT

A:-Persistent hyperplastic primary vitreous

B:-Retinopathy of prematurity

C:-Toxocara granuloma

D:-Choroidal neovascular membrane

Correct Answer:- Option-D

Question90:-Management of Accomodative Esotropia includes all EXCEPT

A:-Spectacles

B:-Contact Lens

C:-Surgery

D:-Magnifiers

Correct Answer:- Option-D

Question91:-All the following can be caused by Herpes Simplex infection EXCEPT

A:-Dendritic ulcer

B:-Mooren's ulcer

C:-Superficial punctate keratitis

D:-Stromal Keratitis

Correct Answer:- Option-B

Question92:-Imbert fick principle is used in

A:-Air puff tonometer

B:-Perkins tonometer

C:-Applanation tonometer

D:-Schiotz tonometer

Correct Answer:- Option-C

Question93:-A 32 year old female presents with a hypopigmented anaesthetic patch on left upper arm with a small "satellite lesion" outside the patch and thickened left ulnar nerve. The most likely diagnosis is

A:-Hansen Disease Tuberculoid

B:-Hansen Disease Borderline Tuberculoid

C:-Hansen Disease Midborderline

D:-Hansen Disease Borderline Lepromatous

Correct Answer:- Option-B

Question94:-A 46 year old road traffic accident victim with head injury who was admitted in the ICU and started on injection phenytoin developed on the seventh day oral ulceration, eye discharge, vesicles, bulla and peeling of the skin involving 40% of the body surface area. The most likely diagnosis is

A:-Erythema multiforme

B:-Stevens Johnson syndrome

C:-Stevens Johnson/Toxic epidermal necrolysis overlap

D:-Toxic Epidermal Necrolysis

Correct Answer:- Option-D

Question95:-"Pautrier's microabscess" is seen in

A:-Psoriasis

B:-Dermatitis herpetiformis

C:-Cutaneous T-cell lymphoma

D:-Pemphigus vegetans

Correct Answer:- Option-C

Question96:-A 72 year old male presents with multiple tense bulla on the flexures and trunk. Direct immunofluorescence study shows IgG and C3 along the dermo-epidermal junction. The most likely diagnosis is

A:-Pemphigus vulgaris

B:-Bullous pemphigoid

C:-Dermatitis herpetiformis

D:-Erythema multiforme

Correct Answer:- Option-B

Question97:-Which of the following is true about Bipolar Disorder?

A:-Bipolar II disorder refers to mania alternating with depression

B:-Bipolar I disorder refers to mania alternating with anxiety

C:-Bipolar I disorder refers to depression alternating with mania

D:-Bipolar disorder is a neurotic disorder

Correct Answer:- Option-C

Question98:-The legal principle that assesses a defendant's ability to understand the nature and quality of their act or to distinguish right from wrong at the time of the offense is known as

A:-Durham Rule

B:-McNaughten Rule

C:-Irresistible Impulse Test

D:-Insanity Defense Reform Act

Correct Answer:- Option-B

Question99:-Which of the following neurotransmitter systems is most prominently implicated in the pathophysiology of schizophrenia?

A:-Serotonergic

B:-Dopaminergic

C:-Cholinergic

D:-GABAergic

Correct Answer:- Option-B

Question100:-Which of the following is not used as an anti-craving drug?

A:-Acamprosate

B:-Naltrexone

C:-Baclofen

D:-Risperidone

Correct Answer:- Option-D