

# JAMMU AND KASHMIR PUBLIC SERVICE COMMISSION

RESHAM GHAR COLONY, BAKSHI NAGAR, JAMMU - 180001

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**Subject: Written Examination for filling up of Gazetted Vacancies in various Govt. Medical Colleges in Health and Medical Education Department, 2023-Provisional Answer Key(s).**

**Notification No. PSC/Exam/S/2023/82**

**Dated: 13.11.2023**

In pursuance of Rule 10(c) of the Jammu & Kashmir Public Service Commission (Conduct of Examination) Rules, 2022, as amended upto date, the Provisional Answer Key(s) of Question Papers pertaining to the Written Examination for post(s) of **Lady Medical Officer (RTHC) and Lady Medical Officer (UTHC) in Health and Medical Education Department, held on 04.11.2023**, are hereby notified for seeking objections from candidates.

## Provisional Answer Key Lady Medical Officer (RTHC)

Test Booklet Question No. (Series A)	
Q1	C
Q2	A
Q3	A
Q4	C
Q5	C
Q6	B
Q7	B
Q8	C
Q9	B
Q10	C
Q11	D
Q12	A
Q13	A

Test Booklet Question No. (Series A)	
Q14	C
Q15	C
Q16	A
Q17	C
Q18	D
Q19	A
Q20	D
Q21	D
Q22	D
Q23	D
Q24	D
Q25	A
Q26	A

Test Booklet Question No. (Series A)	
Q27	D
Q28	C
Q29	C
Q30	A
Q31	D
Q32	C
Q33	C
Q34	D
Q35	A
Q36	B
Q37	C
Q38	A
Q39	D

Test Booklet Question No. (Series A)	
Q40	D
Q41	B
Q42	A
Q43	C
Q44	C
Q45	D
Q46	A
Q47	D
Q48	A
Q49	A
Q50	A
Q51	B
Q52	A
Q53	D
Q54	A
Q55	B
Q56	B
Q57	A
Q58	A
Q59	C
Q60	C

Test Booklet Question No. (Series A)	
Q61	A
Q62	C
Q63	A
Q64	A
Q65	B
Q66	A
Q67	A
Q68	C
Q69	A
Q70	B
Q71	A
Q72	C
Q73	D
Q74	A
Q75	D
Q76	A
Q77	B
Q78	A
Q79	A
Q80	A
Q81	A

Test Booklet Question No. (Series A)	
Q82	B
Q83	C
Q84	C
Q85	C
Q86	C
Q87	D
Q88	C
Q89	B
Q90	B
Q91	D
Q92	A
Q93	C
Q94	A
Q95	D
Q96	D
Q97	A
Q98	A
Q99	D
Q100	B

*AS*

**Provisional Answer Key Lady Medical Officer (UTHC)**

Test Booklet Question No. (Series A)	
Q1	B
Q2	C
Q3	D
Q4	A
Q5	B
Q6	C
Q7	A
Q8	B
Q9	A
Q10	C
Q11	C
Q12	D
Q13	C
Q14	B
Q15	B
Q16	A
Q17	C
Q18	B
Q19	A
Q20	D
Q21	B
Q22	B
Q23	B
Q24	D
Q25	A
Q26	B
Q27	D
Q28	B
Q29	B
Q30	A
Q31	A
Q32	C
Q33	B
Q34	A

Test Booklet Question No. (Series A)	
Q35	A
Q36	C
Q37	C
Q38	B
Q39	A
Q40	A
Q41	B
Q42	C
Q43	D
Q44	C
Q45	C
Q46	A
Q47	B
Q48	A
Q49	A
Q50	D
Q51	C
Q52	B
Q53	D
Q54	B
Q55	B
Q56	C
Q57	D
Q58	A
Q59	C
Q60	C
Q61	D
Q62	A
Q63	C
Q64	B
Q65	A
Q66	C
Q67	B
Q68	D



Test Booklet Question No. (Series A)	
Q69	D
Q70	A
Q71	C
Q72	D
Q73	A
Q74	C
Q75	B
Q76	D
Q77	D
Q78	D
Q79	B
Q80	C
Q81	B
Q82	A
Q83	B
Q84	B
Q85	C
Q86	D
Q87	A
Q88	C
Q89	D
Q90	C
Q91	D
Q92	B
Q93	C
Q94	A
Q95	A
Q96	C
Q97	C
Q98	B
Q99	C
Q100	A

The candidates are advised to refer to **Question Booklet (Series A)** to match the corresponding question(s) in their respective Question Booklet Series and if any candidate feels that the key to any of the question(s) is/are wrong, he/she may represent on prescribed format/proforma annexed as **Annexure-A** along with the documentary proof/evidence (**hard copies only**) and fee of Rs.500/- per question in the form of Demand Draft drawn in favour of **COE, J&K PSC** (refundable in case of genuine/correct representation) to the Controller of Examinations, Jammu & Kashmir Public Service Commission, from 14.11.2023 to 15.11.2023. **The candidates are further advised to clearly mention the question(s) objected to with reference to its serial number as it appears in the Question Booklet of Series A of the provisional answer key(s).**

Further, any objection/application not accompanied by the requisite Demand Draft of Rs.500/- as prescribed, shall not be considered/entertained under any circumstances. Candidates are, in their own interest, advised to adhere to these instructions and not submit any objection unaccompanied by the Demand Draft as required under extant rules.

The Commission shall not entertain any such representation(s) after the expiry of the stipulated period i.e. **after 15.11.2023 (Wednesday), 05.00 pm.**

The provisional answer key(s) are available on the website of the Commission <http://www.jkpsc.nic.in>.

  
(Anil Sharma), JKAS  
Controller of Examinations  
J&K Public Service Commission  


No. PSC/Ex-Secy/2023/63

Dated: 13.11.2023

Copy to the: -

1. Director, Information and Public Relation, J&K for publication of the notice in all leading newspapers published from Jammu/Srinagar.
2. P.S. to Hon'ble Chairman, J&K Public Service Commission for information of the Hon'ble Chairman.
3. P.S. to Hon'ble Member, Shri \_\_\_\_\_ for information of the Hon'ble Member.
4. P. A. to Secretary, J&K Public Service Commission for information of the Secretary.
5. Main file/Stock file/Notice Board.

**Annexure-A**

Representation regarding objection(s) to any Question/Answer pertaining to the Written Test conducted for the post(s) of Lady Medical Officer (RTHC) and Lady Medical Officer (UTHC), 2023 held on 04.11.2023

**(NOTE: USE SEPARATE FORMS FOR SEPARATE QUESTIONS)**

Discipline : \_\_\_\_\_

Name of the Applicant : \_\_\_\_\_

Roll No. : \_\_\_\_\_

Correspondence Address : \_\_\_\_\_

Contact/Mobile No. : \_\_\_\_\_

Date of Application: \_\_\_\_\_ **.11.2023**

Demand Draft No. date : \_\_\_\_\_

Candidates Account No.(16 digit) & IFSC Code : \_\_\_\_\_

\_\_\_\_\_

Question No. in Series A	Details of the Objection	Resource Material (copy to be enclosed)	Details of the Website (if any)
<b><u>Correct Answer/Option as per candidate :</u></b>			

**Signature of the Candidate**

**Note :** Application for each question/answer shall be made on separate page in the given format, otherwise the first question entered in the format shall only be considered.

**DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE TOLD TO DO SO**

Booklet Serial No. **002365**

**Test Booklet Series**

**TEST BOOKLET**  
**LADY MEDICAL OFFICER RTHC**  
**Written Test - 2023**  
**(65)**

**A**

**Time Allowed: Two Hours**

**Maximum Marks: 100**

**INSTRUCTIONS**

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET **DOES NOT** HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS, ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. Please note that it is the candidate's responsibility to encode and fill in the Roll Number and Test Booklet Series Code A, B, C or D carefully and without any omission or discrepancy at the appropriate places in the OMR Answer /Response Sheet. Any omission/discrepancy will render the Response Sheet liable for rejection.
3. You have to enter your Roll Number on the Test Booklet in the Box provided alongside.  
*DO NOT* write *anything else* on the Test Booklet.
4. This Test booklet contains **100** items (questions). Each item comprises of four responses (answers). You will select the response which you want to mark on the Answer Sheet/Response Sheet. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose **ONLY ONE** response for each item.
5. You have to mark all your responses **ONLY** on the separate Answer /Response Sheet provided. See *directions in the Response Sheet*.
6. *All* items carry equal marks.
7. Before you proceed to mark in the Answer /Response Sheet, the response to various items in the Test Booklet, you have to fill in some particulars in the Answer /Response Sheet as per instructions sent to you with your Admission Certificate.
8. After you have completed filling in all your responses on the Response Sheet and the examination has concluded, you should hand over to the Invigilator **only the Answer /Response Sheet**. You are permitted to take away with you the Test Booklet and **Candidate's Copy of the Response Sheet**.
9. Sheets for rough work are appended in the Test Booklet at the end.
10. **Penalty for wrong answers:**

**THERE WILL BE PENALTY FOR WRONG ANSWERS MARKED BY THE CANDIDATE IN THE WRITTEN TEST (OBJECTIVE TYPE QUESTIONS PAPERS).**

- (i) There are four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, (0.25) of the marks assigned to that question will be deducted as penalty.
- (ii) If a candidate gives more than one answer, it will be treated as a **wrong answer** even if one of the given answers happens to be correct and there will be same penalty as above for that question.
- (iii) If a question is left blank, i.e., no answer is given by the candidate, there will be **no penalty** for that question.

**DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE TOLD TO DO SO**

(65) (A)

(2)

1. Not a common site for AVN?
  - A) Femoral head
  - B) Scaphoid
  - C) Upper one-third of tibia
  - D) Talus
  
2. All of the below clinical tests help to establish a diagnosis of Developmental Dysplasia of Hip in a 5-year-old boy EXCEPT:
  - A) Ortolani test
  - B) Galeazzi sign
  - C) Trendelenberg gait
  - D) Telescoping
  
3. Which of the following statements is true about Osteosarcoma?
  - A) RECQL 4 mutation in Rothman-Thompson syndrome predisposes its development
  - B) Most commonly seen in proximal tibia
  - C) The most common site of metastasis is the spine
  - D) Parosteal osteosarcoma arises from inner cambium layer of the periosteum
  
4. True about the Ponseti method of treatment for CTEV of foot is
  - A) The fulcrum of correction is at the calcaneocuboid joint
  - B) Need to wait at least till the age of 6 months to initiate the treatment
  - C) The forefoot is supinated during the initial casting
  - D) Very rarely combined with percutaneous Tendoachilles tenotomy
  
5. What is false about the ACL of the knee joint?
  - I. It prevents anterior translation of the femur
  - II. It arises from the lateral aspect of the medial femoral condyle
  - III. In ACL injuries deceleration actions are difficult to perform
  - IV. Lachman test is the most specific test for ACL ligament
  - V. Anterior drawer test is easy to perform in patients with knee hematoma
  - A) I, II, III, IV
  - B) III, IV, V
  - C) I, II, IV, V
  - D) I, II, IV

6. Causative organism of Ramsay Hunt Syndrome is:
- A) Pseudomonas Aeruginosa
  - B) Herpes Zoster
  - C) Mycoplasma Pneumoniae
  - D) Mucor-mycosis
7. Following investigation is required in a case of Chronic Suppurative Otitis Media (CSOM) with central perforation planned for mastoidectomy:
- A) Audiogram
  - B) High-Resolution CT scan of Temporal Bone
  - C) X-Ray Skull
  - D) Culture and sensitivity of ear discharge
8. Submucosal resection of the septum (SMR) is avoided before the age of:
- A) 12 years
  - B) 15 years
  - C) 17 years
  - D) 10 years
9. Ozaena is foul-smelling:
- A) Allergic Rhinitis
  - B) Atrophic Rhinitis
  - C) Sinusitis
  - D) Bacterial Rhinitis
10. Indications of tonsillectomy include all EXCEPT:
- A) Recurrent Tonsillitis (Paradise criteria)
  - B) Tonsillitis with febrile seizures
  - C) Children <3 years of age
  - D) Tonsillar hypertrophy with sleep-disordered breathing

11. Open lymph node biopsy is required in all of the following situations EXCEPT:

- A) Suspicion of Lymphoma
- B) Nodes larger than 2cm
- C) Nodes increase in size beyond 2 weeks
- D) Nodes are reducing in size with antibiotics

12. Paracusis Willisii is a situation seen in:

- A) Otosclerosis
- B) Cholesteatoma
- C) Bell's Palsy
- D) Ramsay Hunt Syndrome

13. Dalrymple's sign is seen in:

- A) Graves disease
- B) Parathyroid adenoma
- C) Laryngeal carcinoma
- D) Acoustic Neuroma

14. Length of external auditory canal in an adult is:

- A) 12mm
- B) 18mm
- C) 24mm
- D) 36mm

15. Jacobson's nerve is tympanic branch of

- A) Hypoglossal Nerve
- B) Vagus Nerve
- C) Glossopharyngeal Nerve
- D) Optic Nerve

16. A 14-year-old girl was brought by the lady police sub-inspector to an emergency with an alleged history of sexual violence about 6 hours ago. The girl is accompanied by none. The registered medical practitioner shall take consent for medical examination from :
- The girl
  - The Lady police officer
  - No consent is required
  - Hospital administrator
17. The tattooing in a case of firearm injury is due to:
- Flame
  - Smoke
  - Unburnt particles
  - Spinning of Bullet
18. A 35-year-old female has been brought with an alleged history of assault by a sharp weapon 2 hours back. The injury likely to be caused by sharp weapon includes:
- Abrasion
  - Laceration
  - Bruise
  - Incised wound
19. Identify the correct match for the two columns:
- | Column I (Poison) |    | Column II (Antidote) |  |
|-------------------|----|----------------------|--|
| 1. Heparin        | a) | Diazepam             |  |
| 2. Warfarin       | b) | Calcium Gluconate    |  |
| 3. Flumazenil     | c) | Vitamin K            |  |
| 4. Magnesium      | d) | Protamine sulfate    |  |
- 1-d, 2-c, 3-a, 4-b
  - 1-d, 2-c, 3-b, 4-a
  - 1-b, 2-c, 3-d, 4-a
  - 1-b, 2-d, 3-c, 4-a
20. Dilated pupil is seen in poisoning due to:
- Physostigmine
  - Opium
  - Organophosphates
  - Ethyl Alcohol

21. Dead body of a 20-year-old female was brought to a registered medical practitioner for autopsy. The face of the female was congested with bleeding from the mouth and nostrils, eyes showed subconjunctival hemorrhage in both eyes. Neck dissection showed massive hematoma in musculature and crescentic abrasions with contusions on skin of both side of front of neck. The other internal organs were congested. The cause of death in this case could be due to:
- A) Ligature Strangulation
  - B) Manual Strangulation
  - C) Traumatic Asphyxia
  - D) Throttling
22. Following are CNS Stimulants poisons EXCEPT:
- A) Cocaine
  - B) Amphetamine
  - C) Cyclic Antidepressants
  - D) Opioid
23. Peripheral vascular diseases may be due to following heavy metal toxicity:
- A) Barium
  - B) Thallium
  - C) Lead
  - D) Arsenic
24. Florence test for semen is positive due to:
- A) Spermine
  - B) Acid Phosphatase
  - C) Creatinine Phosphokinase
  - D) Choline
25. Dead body of a 29-year-old male was brought to a district hospital for autopsy. The person allegedly died due to burns caused while cooking food in a hotel. The area involved in burns included right upper limb, right side front of chest, face and right thigh in full circumference. The body surface area involved in burn is:
- A) 32-35%
  - B) 40-50%
  - C) 25-30%
  - D) >50%

26. Electroconvulsive Therapy is contraindicated in following condition:
- A) Raised Intracranial Tension
  - B) Schizophrenia
  - C) Catatonia
  - D) Depression with pregnancy
27. Meaning of Confabulation include:
- A) Misinterpretation of stimuli
  - B) Making stories to cheat someone
  - C) Perception in absence of stimuli
  - D) Making stories to fill gaps in memory
28. A 68-year-old male was under treatment with amitriptyline for depression. He was brought to hospital with history of urinary retention, blurring of vision and constipation. The likely diagnosis is:
- A) Benign Hypertrophy of Prostate
  - B) Dementia
  - C) Anticholinergic side effects
  - D) Stupor
29. A 12-year-old boy used to make silly mistakes in writing examinations and makes spelling mistakes. He is otherwise good in calculation and social behavior. The likely diagnosis is:
- A) ADHD
  - B) Receptive Language disorder
  - C) Specific learning disorder
  - D) Mental Retardation
30. Sleep attack, sleep paralysis and hypnogogic hallucinations are related to:
- A) Narcolepsy
  - B) Catatonia
  - C) Mania
  - D) Side effect of valproate

31. All of the following are the signs included in APGAR Score EXCEPT:
- A) Color
  - B) Heart Rate
  - C) Muscle Tone
  - D) Meconium
32. Following are live attenuated vaccines EXCEPT:
- A) Measles
  - B) Yellow Fever
  - C) Hepatitis B
  - D) BCG
33. Following is true regarding stridor caused by supraglottic obstruction:
- A) Stridor is Expiratory
  - B) Cry is Normal
  - C) Dyspnoea less severe
  - D) Brassy Cough
34. Following is increased in sweat of children suffering from cystic fibrosis:
- A) Sodium
  - B) Potassium
  - C) Calcium
  - D) Chloride
35. Following are the features of Right sided congestive cardiac failure EXCEPT:
- A) Wheezing
  - B) Pedal Oedema
  - C) Hepatomegaly
  - D) Facial Oedema
36. Following are acyanotic heart diseases seen in children EXCEPT:
- A) Ventricular Septal Defect
  - B) Ebstein anomaly
  - C) Coarctation of Aorta
  - D) Cor-Triatriatum

37. Acrodermatitis enteropathica is related to deficiency of :
- A) Copper
  - B) Iodine
  - C) Zinc
  - D) Iron
38. In severe hypothermia, the body temperature (based on Axillary Temperature) is
- A) < 32 Degree C
  - B) 32-35.9 Degree C
  - C) 36-36.5 Degree C
  - D) >37.5 Degree C
39. Respiratory distress is defined by following parameters EXCEPT:
- A) Cyanosis
  - B) Grunting
  - C) Lower chest retraction
  - D) RR-35-40/Min
40. In a case of neonatal seizures blood is checked for:
- A) Potassium
  - B) Sodium
  - C) Chloride
  - D) Glucose
41. Following drug is always used in cases of corneal ulcers Irrespective of the etiology:
- A) Corticosteroids
  - B) Cycloplegics
  - C) Antibiotics
  - D) Antifungals

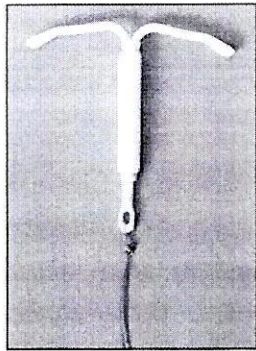
42. Following are the causes of night blindness EXCEPT:
- A) Albinism
  - B) Retinitis pigmentosa
  - C) Xerophthalmia
  - D) Pathological Myopia
43. Acute anterior uveitis is characterized by all EXCEPT:
- A) Watery secretion
  - B) Photophobia
  - C) Coloured Halos around lights
  - D) Tenderness
44. WHO definition of blindness includes best corrected visual acuity of \_\_\_\_\_ or worse in the better eye:
- A) 6/60
  - B) 1/60
  - C) 3/60
  - D) No Light Perception
45. Endogenous keratitis is \_\_\_\_\_ in etiology:
- A) Bacterial
  - B) Fungal
  - C) Viral
  - D) Immunological
46. Von Graefe sign is related to:
- A) Graves Disease
  - B) Down Syndrome
  - C) Hypothyroidism
  - D) Parathyroid adenoma

47. According to Callahan and Beard Classification the Margin Reflex Distance(MRD) in severe ptosis is:
- A) < 2 mm
  - B) 3mm
  - C) 1 mm
  - D) > 4 mm
48. Paralysis of the Superior oblique muscle is due to involvement of:
- A) Fourth Cranial Nerve
  - B) Sixth Cranial Nerve
  - C) First Cranial Nerve
  - D) Ninth Cranial Nerve
49. Esotropia is the term related to:
- A) Convergent Strabismus
  - B) Divergent Strabismus
  - C) Eyelid Inversion
  - D) Retinal Haemorrhage
50. Following is true statement about divergent strabismus EXCEPT:
- A) Seen in Hypermetropes
  - B) Commences at later age
  - C) Better eye is used and other is in rest position
  - D) Tends to increase with time
51. All of the following agents are used for emergency contraception, EXCEPT?
- A) Danazol
  - B) Misoprostol
  - C) IUCD
  - D) Levonorgestrel

52. All of the following are the methods of cervical cancer screening EXCEPT?
- A) Colposcopy
  - B) Pap test
  - C) VIA
  - D) HPV test
53. The recommended daily dietary allowance of ferrous during pregnancy and lactation is:
- A) 18mg, 9mg
  - B) 20mg, 10mg
  - C) 25mg, 10mg
  - D) 27mg, 9mg
54. Which of the following is NOT true about SUMAN scheme:
- A) Launched by Delhi Government in 2019
  - B) Provide health care at no cost to every woman and new-born visiting public health facility
  - C) Provide free transport to pregnant women from home to health facility and drop back after discharge
  - D) Aim to end all preventable maternal and new-born deaths and morbidities and provide a positive birthing experience
55. Which of the following pubertal events is not mediated by gonadal estrogen production?
- A) Breast development
  - B) Pubic hair growth
  - C) Menarche
  - D) Skeletal growth
56. Which of the following is the most appropriate treatment modality for a 38 years old woman with stage I B3 squamous cell carcinoma of the cervix
- A) Type C radical hysterectomy with pelvic lymphadenectomy
  - B) Chemoradiation
  - C) Neoadjuvant chemotherapy followed by radical hysterectomy
  - D) Neoadjuvant radiotherapy followed by radical hysterectomy

57. A primigravida at 26 weeks period of gestation presented to emergency with a complaint of acute pain abdomen. On examination, the pulse rate is 120/minute. There is a well-defined 5×6 cm myoma on the fundus with tenderness over it. A diagnosis of red degeneration of fibroid was made and she was admitted to the hospital. Further management will be:
- A) Conservative management with bed rest and analgesics
  - B) Exploratory laparotomy followed by myomectomy
  - C) Diagnostic laparoscopy followed by myomectomy
  - D) Exploratory laparotomy followed by hysterectomy
58. Which of the following is associated with the highest number of cord complications?
- A) Monoamniotic monochorionic twin placenta
  - B) Placenta previa
  - C) Diamniotic dichorionic twin placenta
  - D) Succenturiate Placenta
59. A 36-year-old P1L1 female diagnosed with well-differentiated endometrial cancer desirous of fertility can be managed by:
- A) Endometrial resection
  - B) An intra-uterine progesterone-coated device with repeat sampling after 12 months
  - C) Oral progesterone with repeat endometrial sampling after 3 and 6 months
  - D) Metformin
60. Which of the following ovarian tumor is most prone to undergo torsion during pregnancy?
- A) Serous cystadenoma
  - B) Mucinous cystadenoma
  - C) Dermoid cyst
  - D) Theca lutein cyst
61. All of the following statements are true regarding McRoberts maneuver EXCEPT:
- A) Involves adduction of maternal thighs and hyperflexion onto abdomen
  - B) Increases antero-posterior diameter of pelvis
  - C) Effective in 80-90% cases of shoulder dystocia
  - D) Suprapubic pressure can be used along with it

62. Identify the spot given below:



- A) CuT 380A
  - B) Multiload
  - C) LNG-IUS
  - D) Essure
63. What is the dose of Mifepristone used for emergency contraception
- A) 30 mg
  - B) 50 mg
  - C) 100 mg
  - D) 200 mg
64. A 34-year-old female visited OPD with complaints of mild pyrexia and foul-smelling vaginal discharge. A vaginal swab was sent for microscopy and culture. The microscopy reveals the clue cells. What will be the management option for this patient?
- A) Metronidazole 500 mg BD for 7 days
  - B) Metronidazole 500 mg BD for 14 days
  - C) Cap Doxycycline and tab metronidazole for 7 days
  - D) Cap doxycycline and tab metronidazole for 14 days
65. The Maternal Mortality Ratio (MMR) in 2018-2020 in India is:
- A) 101/ per lakh live births
  - B) 97/ per lakh live births
  - C) 140/ per lakh live births
  - D) 125/ per lakh live births
66. The shortest obstetric conjugate for the trial of labour is:
- A) Obstetrical conjugate
  - B) True conjugate
  - C) Diagonal conjugate
  - D) Transverse conjugate

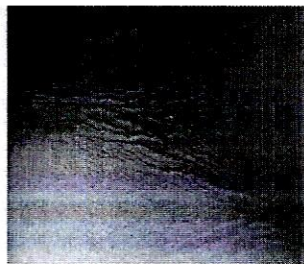
67. The recommended dose of folic acid supplementation before conception and during first trimester to prevent neural-tube defects in a low-risk woman is:
- A) 400 to 800 ug daily
  - B) 100 to 200 ug daily
  - C) 50 to 100 mg daily
  - D) 200 to 400 mg daily
68. According to Medical Termination of Pregnancy (Amendment) Act 2021, the opinion of two registered medical practitioners for termination of pregnancy is required in:
- A) Up to 12 weeks
  - B) 12 to 16 weeks
  - C) 20 to 24 weeks
  - D) 16 to 20 weeks
69. The classic triad of ectopic pregnancy include:
- A) Amenorrhea, abdominal pain and vaginal bleeding
  - B) Amenorrhea, syncope and vomiting
  - C) Amenorrhea, hypotension and tachycardia
  - D) Amenorrhea, vomiting and abdominal pain
70. Which aneuploidy screening test has the highest sensitivity and specificity?
- A) Combined screen
  - B) Cell-free DNA
  - C) Quadruple Marker
  - D) Sequential Screening
71. Fetal heart rate acceleration at and beyond 32 weeks of gestation is defined as:
- A) Acceleration of 15 bpm and more lasting at least 15 seconds but less than 2 minutes from onset to baseline return
  - B) Acceleration of 10 bpm and more lasting at least 10 seconds but less than 2 minutes from onset to baseline return
  - C) Acceleration of 15 bpm and more lasting at least 15 seconds but less than 5 minutes from onset to baseline return
  - D) Acceleration of 10 bpm and more lasting at least 10 seconds but less than 5 minutes from onset to baseline return

72. Which of the following is a Prostaglandin E1 analogue?
- A) Dinoprostone
  - B) Carboprost
  - C) Misoprostol
  - D) Cerviprime
73. A 20-year-old Primigravida at 30 weeks period of gestation presented with severe preeclampsia and blood pressure of 170/110 mmHg. Which of the following drugs is not used for acute control of blood pressure?
- A) Labetalol
  - B) Hydralazine
  - C) Nifedipine
  - D) Amlodipine
74. Anti-D prophylaxis is given to all Rh negative non-immune pregnant women at:
- A) Antenatally at 28 weeks of gestation and second dose within 72 hours of delivery
  - B) Antenatally at 28 weeks of gestation
  - C) Postpartum within 72 hours of delivery only
  - D) Antenatally at 28, 32 and 36 weeks of gestation
75. Which of the following is not a method for the delivery of after coming head in a breech presentation?
- A) Mauriceau Smellie Veit maneuver
  - B) Burns Marshall maneuver
  - C) Piper forceps
  - D) McRoberts maneuver
76. A 32-year-old primigravida presented in the emergency at 32 weeks period of gestation in threatened preterm labour. Which of the following drug is most appropriate during expectant management?
- A) Corticosteroids
  - B) Magnesium sulfate
  - C) Oxytocin
  - D) Amoxycillin

77. Which are the most common HPV types associated with cervical cancer?
- HPV 6 and 11
  - HPV 16 and 18
  - HPV 16 and 31
  - HPV 31 and 33
78. According to World Health Organization, at what age should the cervical cancer screening be offered to general population of women?
- 30 years
  - 35 years
  - 40 years
  - 45 years
79. A 16-year-old girl presents to the OPD with adnexal mass and serum LDH level of 890 U/mL. Which of the following is a likely diagnosis?
- Dysgerminoma
  - Immature Teratoma
  - Serous carcinoma
  - Yolk sac tumour
80. The Ministry of Health and Family Welfare, Government of India recommends for daily iron and folic acid tablet intake for pregnant women:
- 1 tablet daily from fourth month of pregnancy for 180 days to be continued in post-partum for another 180 days
  - 1 tablet daily from fourth month of pregnancy for 100 days to be continued in post-partum for another 100 days
  - 1 tablet daily from second month of pregnancy for 180 days to be continued in post-partum for another 180 days
  - 1 tablet daily from fourth month of pregnancy for 180 days
81. A 20-year-old college student with no comorbidities presents to the emergency in a disoriented state. The patient is well-built, attends the gym regularly, and completed a marathon the previous day. Clinically he is unresponsive and appears dehydrated. Investigations reveal serum urea of 84 mg%, creatinine of 3.2 mg%, and hematocrit of 44%. Urinalysis shows a specific gravity of 1.020 with dipstick positivity for blood. There are no active sediments. Serum creatine kinase levels are 10,500 IU/L. The clinical diagnosis is:
- Myoglobinuria
  - Acute glomerulonephritis
  - Acute interstitial nephritis
  - Atypical hemolytic syndrome

82. All of the following are true regarding narcolepsy, EXCEPT:
- A) Difficulty sustaining wakefulness
  - B) No suppression of REM sleep
  - C) Sudden muscle weakness without loss of consciousness triggered by strong emotion
  - D) Brief muscle paralysis upon awakening
83. Which of the following is incorrect regarding CURB-65 score?
- A) Confusion and blood urea  $>7$  mmol/L
  - B) Respiratory rate  $\geq 30$ /min
  - C) Systolic blood pressure  $\leq 100$  mm Hg or diastolic blood pressure  $\leq 50$  mm Hg
  - D) Age  $\geq 65$  years
84. All of the following are life-threatening features in acute severe asthma, EXCEPT:
- A) Peak expiratory flow  $<100$  L/min
  - B) Partial pressure of oxygen  $< 60$  mm Hg while on oxygen inhalation
  - C) Decreased partial pressure of  $\text{CO}_2$
  - D) Silent chest
85. All of the following are elements of a 3-Hour bundle of Surviving Sepsis Campaign, EXCEPT:
- A) Measure lactate level
  - B) Administer broad-spectrum antibiotics
  - C) Measure central venous pressure
  - D) Rapid administration of 30 mL/kg of crystalloid for hypotension or if lactate level is 4 mmol/L
86. Non-anion gap acidosis is seen in which of the following conditions?
- A) Salicylate toxicity
  - B) Starvation
  - C) Renal tubular acidosis
  - D) Alcoholic ketoacidosis

87. Delphi technique in medicine is a tool to
- Survey opinion
  - Develop evidence-based guidelines
  - Critically analyse published literature
  - Develop consensus among experts
88. A 63 years old woman presented with new onset back pain, confusion, and constipation over the past 2 weeks. On examination, she is having pallor, tenderness over mid thoracic spine region, and osteolytic lesions on digital X-ray. Her investigations revealed hemoglobin 7.3 g/dl, leukocyte count 4200/ $\mu$ l with a normal differential count, platelet counts 2.7 lacs/ $\mu$ l, creatinine 2.6 mg/dl, total calcium 13.1 mg/dl, albumin 2.4 g/dl, and total protein 9.1 g/dL. What is the most likely diagnosis?
- Metastatic breast cancer
  - Milk alkali syndrome
  - Multiple myeloma
  - Primary hyperparathyroidism
89. A patient cannot be labelled resistant hypertension unless he/she has been put on at least 3 medications at maximally tolerated doses including;
- Alpha blocker
  - Diuretic
  - Alpha methyl dopa
  - Reserpine
90. Finding which shown in the below image is a clinical marker of which disorder?



- Dyslipidaemia
  - Insulin resistance
  - Hypertension
  - Lung carcinoma
91. All of the following are recommended for the prevention of ventilator-associated pneumonia in mechanically ventilated patients except:
- Patients should be nursed in a semi-recumbent position
  - Regular oral hygiene should be maintained
  - Daily sedation hold should be attempted
  - Cuff pressure of the oro-tracheal tube should be maintained between 10-20 cm  $H_2O$

92. The following method is used to find the root cause of problems:
- A) Fishbone analysis
  - B) Force field analysis
  - C) Control chart
  - D) Organogram
93. Intramuscular injections should be administered at an angle of:
- A) 45 degree
  - B) 15 degree
  - C) 90 degree
  - D) 30 degree
94. A 20-year-old male was brought to casualty with gastroenteritis. Normal saline was started for the patient. What is the concentration of  $\text{Na}^+$  in the above crystalloid?
- A) 154 MEQ/L
  - B) 130 MEQ/L
  - C) 120 MEQ/L
  - D) 100 MEQ/L
95. The most common cause of urinary incontinence in an elderly individual is:
- A) Diuretics
  - B) Stress incontinence
  - C) Detrusor underactivity
  - D) Detrusor overactivity
96. Serum Galactomannan is relatively specific to *Aspergillus*. However, it is also found in the cell wall of which of the following fungal pathogens?
- A) *Histoplasma*
  - B) *Blastomyces*
  - C) *Fusarium*
  - D) All of the above
97. All of the following Drugs have good utility in meningococcal meningitis are EXCEPT:
- A) Levofloxacin
  - B) Ceftriaxone
  - C) Cefotaxime
  - D) Ampicillin
98. To promote chest drainage, in a closed drainage system, make sure to:
- A) Place the system lower than the patient's chest
  - B) Hang the system on an IV stand
  - C) Position the patient on the side that has tubes
  - D) Clamp the chest drainage intermittently

99. Pulsus paradoxus is/are seen in all EXCEPT:
- A) Hypovolemic shock
  - B) Pulmonary embolism
  - C) Severe COPD
  - D) Right ventricular MI
100. You are analysing your patients ABG,  $\text{PaO}_2 - 80 \text{ mmHg}$ ,  $\text{SaO}_2 - 95\%$ ,  $\text{pH} - 7.30$ ,  $\text{PaCO}_2 - 55 \text{ mmHg}$ ,  $\text{HCO}_3 - 25 \text{ MEQ/L}$ . Interpretation of this ABG is
- A) Metabolic acidosis
  - B) Respiratory acidosis
  - C) Metabolic alkalosis
  - D) Respiratory alkalosis

# ROUGH WORK

## ROUGH WORK

AL

DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE TOLD TO DO SO

Booklet Serial No. 002525

Test Booklet Series

TEST BOOKLET  
LADY MEDICAL OFFICER UTHC  
Written Test - 2023  
(66)



Time Allowed: Two Hours

Maximum Marks: 100

**INSTRUCTIONS**

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET **DOES NOT** HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS, ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. Please note that it is the candidate's responsibility to encode and fill in the Roll Number and Test Booklet Series Code A, B, C or D carefully and without any omission or discrepancy at the appropriate places in the OMR Answer /Response Sheet. Any omission/discrepancy will render the Response Sheet liable for rejection.
3. You have to enter your Roll Number on the Test Booklet in the Box provided alongside.  
**DO NOT write anything else** on the Test Booklet.
4. This Test booklet contains **100** items (questions). Each item comprises of four responses (answers). You will select the response which you want to mark on the Answer Sheet/Response Sheet. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose **ONLY ONE** response for each item.
5. You have to mark all your responses **ONLY** on the separate Answer /Response Sheet provided. See directions in the Response Sheet.
6. All items carry equal marks.
7. Before you proceed to mark in the Answer /Response Sheet, the response to various items in the Test Booklet, you have to fill in some particulars in the Answer /Response Sheet as per instructions sent to you with your Admission Certificate.
8. After you have completed filling in all your responses on the Response Sheet and the examination has concluded, you should hand over to the Invigilator **only the Answer /Response Sheet**. You are permitted to take away with you the Test Booklet and **Candidate's Copy of the Response Sheet**.
9. Sheets for rough work are appended in the Test Booklet at the end.
10. **Penalty for wrong answers:**

**THERE WILL BE PENALTY FOR WRONG ANSWERS MARKED BY THE CANDIDATE IN THE WRITTEN TEST (OBJECTIVE TYPE QUESTIONS PAPERS).**

- (i) There are four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, **(0.25)** of the marks assigned to that question will be deducted as penalty.
- (ii) If a candidate gives more than one answer, it will be treated as a **wrong answer** even if one of the given answers happens to be correct and there will be same penalty as above for that question.
- (iii) If a question is left blank, i.e., no answer is given by the candidate, there will be **no penalty** for that question.

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(66) (A)

(2)

1. Fracture of the proximal tibia in children which has a tendency to progress to valgus angular deformity is called as
  - A) Tillaux fracture
  - B) Cozen's fracture
  - C) Cotton's fracture
  - D) Schatzker's fracture
  
2. Spur sign' is a radiographic feature of which of the following acetabular fracture?
  - A) Posterior column
  - B) Posterior wall
  - C) Both columns
  - D) Transverse
  
3. A 45-year-old man who is a chronic smoker presents to you following a road traffic accident. He is unable to bear weight on his right lower limb, unable to raise his leg off the bed, and points to his right hip with pain. On initial radiographic examination, there is a discontinuity in the line tracing the inferior border of the superior pubic rami and the inferior border of the femoral neck. What is the most common complication following the management of his condition?
  - A) Malunion
  - B) Acute osteomyelitis
  - C) Flexion contracture
  - D) Avascular Necrosis
  
4. Klien line is
  - A) Line tracing the superior margin of the femoral neck
  - B) Line tracing the inferior border of superior pubic rami and inferior border of femoral neck
  - C) Line tracing the iliopectineal line and the anterior column of the pelvis
  - D) Line tracing the inferior margin of the acetabular teardrop
  
5. Which sentences are true regarding supra-condylar fracture of the humerus in children?
  - i. Most commonly seen in the 04-07 age group of children
  - ii. Flexion-type variety is seen among 15% of all supra-condylar humerus fracture
  - iii. The median nerve is the most commonly injured nerve
  - iv. Gunstock deformity is an early complication of the above fracture
  - v. It has a high chance of non-union if not fixed by surgery
  - A) i, ii, iii, iv
  - B) i, iii
  - C) i, ii, iii, iv, v
  - D) i, iii, iv, v

6. Following is true about Bells palsy EXCEPT:
- A) Sudden, Spontaneous onset
  - B) Lower motor neuron
  - C) Bilateral facial paralysis
  - D) Repeated episodes indicate a tumor of the facial nerve
7. Fistula test is used for diagnosis in:
- A) Cholesteatoma
  - B) Bell's Palsy
  - C) Aural Polyp
  - D) Ramsay Hunt Syndrome
8. Preferred method of treatment for Antro-choanal polyp (Killian Polyp) is:
- A) Polypectomy
  - B) Endoscopic Sinus surgery
  - C) Mini Caldwell-Luc
  - D) Cauterization
9. Hairy leucoplakia is associated with:
- A) HIV
  - B) Leprosy
  - C) Tuberculosis
  - D) Rheumatic heart disease
10. Following is true regarding thyroid nodules EXCEPT:
- A) Common in the 20-50 years age group
  - B) Females are affected more
  - C) Always symptomatic
  - D) Rapid enlargement may indicate a malignant type
11. Commonest site of epistaxis is
- A) Above the level of middle turbinate
  - B) Below the level of middle turbinate
  - C) Little's Area
  - D) Diffuse-Septum and Lateral Nasal wall

12. Meniere's Disease is characterized by all EXCEPT:
- A) Vertigo
  - B) Tinnitus
  - C) Sense of aural fullness
  - D) Conductive Hearing Loss
13. Chvostek's sign following total thyroidectomy and parathyroidectomy is due to:
- A) Hypercalcemia
  - B) Hyponatremia
  - C) Hypocalcaemia
  - D) Hypophosphatemia
14. In Boerhaave syndrome, there is a rupture of \_\_\_\_\_ due to severe vomiting:
- A) Stomach
  - B) Oesophagus
  - C) Duodenum
  - D) Intestine
15. Arnold nerve is the auricular branch of jugular ganglion of :
- A) Hypoglossal Nerve
  - B) Vagus Nerve
  - C) Glossopharyngeal Nerve
  - D) Optic Nerve
16. A 10-year-old girl has been brought to the pediatrician by the school teacher with an alleged history of sudden changes in behavior for the last few days. On gaining the confidence of the child pediatrician came to know that some of the relatives of the child inappropriately inserted fingers into her vagina last week. The pediatrician shall:
- A) Inform the police
  - B) Inform the School Authorities
  - C) Inform Court
  - D) Conduct genital examination with the consent of the child.

17. The abrasion collar in a case of firearm injury indicates fire from:
- Close range
  - Contact Range
  - Distant Range
  - Close Contact Range
18. A 25-year-old male has been brought with an alleged history of assault by police using a chain 6 hours back. The injury likely to be caused by the chain includes:
- Laceration
  - Patterned Bruise
  - Incised wound
  - Chop Wound
19. Identify the correct match for the two columns:
- | Column I (Poison) |    | Column II (Clinical Feature) |
|-------------------|----|------------------------------|
| 1. Heparin        | a) | Diazepam                     |
| 2. Warfarin       | b) | Calcium Gluconate            |
| 3. Flumazenil     | c) | Vitamin K                    |
| 4. Magnesium      | d) | Protamine sulfate            |
- 1-d, 2-c, 3-a, 4-b
  - 1-d, 2-c, 3-b, 4-a
  - 1-b, 2-c, 3-d, 4-a
  - 1-b, 2-d, 3-c, 4-a
20. Constricted pupil is seen in poisoning due to all of the following EXCEPT:
- Physostigmine
  - Opium
  - Organophosphates
  - Ethyl Alcohol

21. Dead body of a 40-year-old male was brought to a registered medical practitioner for autopsy. The body was allegedly recovered from a well filled with water. The face of the male showed the presence of fine white leathery froth around the mouth and nostrils, which increased on putting pressure over the chest. Neck dissection showed no significant finding. The lungs were voluminous and edematous. The other internal organs were congested. The cause of death in this case could be due to:
- A) Dry Drowning
  - B) Wet Drowning
  - C) Poisoning
  - D) Immersion Syndrome
22. Following are deliriant poisons EXCEPT:
- A) Cocaine
  - B) Conium
  - C) Datura
  - D) Cannabis
23. Maculopapular rash with butterfly distribution on face is characteristic of poisoning due to:
- A) Barium
  - B) Thallium
  - C) Lead
  - D) Arsenic
24. Blood Stains are identified using the following tests EXCEPT:
- A) Benzidine Test
  - B) Phenolphthalein Test
  - C) Precipitin Test
  - D) Alkaline Phosphatase Test
25. Dead body of a 30-year-old male was brought to a medical college hospital for autopsy. The person allegedly died due to firearm injury to head. The body was taken out from the room of the deceased by breaking the door as it was bolted from inside. The firearm weapon was found tightly grasped in the hand of the person. The fingerprints of the deceased were also detected on the weapon. Presence of weapon in hand indicates:
- A) Cadaveric Spasm
  - B) Rigor Mortis
  - C) Primary Relaxation
  - D) Postmortem Caloricity

26. Flight of ideas is seen in the following condition:
- A) Schizophrenia
  - B) Mania
  - C) Depression
  - D) Delirium
27. La Belle indifference is associated with following condition :
- A) Depression
  - B) Manic Depressive Psychosis
  - C) Schizophrenia
  - D) Dissociation Disorder
28. Concept of PANDAS is related to:
- A) Schizophrenia
  - B) OCD
  - C) Depression
  - D) Autism
29. A 25-year-old male has been brought with history of sudden onset of restlessness and loss of sleep. He is always suspicious of his family members and friends. The likely diagnosis is:
- A) Mania
  - B) Psychosis
  - C) Delirium
  - D) Depression
30. Which hallucination is commonest in Schizophrenia?
- A) Auditory
  - B) Gustatory
  - C) Tactile
  - D) Visual

31. The APGAR SCORE is generally performed at \_\_\_\_\_ after birth:

- A) 1 and 5 minutes
- B) 3 and 10 Minutes
- C) 10 and 15 Minutes
- D) After 5 minutes

32. Following are Conjugated Vaccines EXCEPT:

- A) Meningococcal
- B) Pneumococcal
- C) SARS-CoV-2
- D) H Influenzae b

33. Following respiratory sounds are inspiratory EXCEPT:

- A) Snoring
- B) Grunting
- C) Rattling
- D) Stridor

34. Unilateral vocal cord paralysis is due to involvement of:

- A) Left Recurrent Laryngeal Nerve
- B) Right Vagus Nerve
- C) Left Phrenic Nerve
- D) Right Side Glossopharyngeal Nerve

35. Pointers to non-nutritional rickets include all of the following EXCEPT:

- A) Late Onset
- B) Alopecia
- C) Family History of Rickets
- D) Marked Stunting

36. Following are the features of Caput succedaneum EXCEPT:
- A) It is located in subcutaneous plane
  - B) It is diffuse crossing suture line
  - C) Size increases after birth
  - D) Not associates with skull fracture
37. Downe score of \_\_\_\_\_ suggest impending respiratory failure in neonate:
- A) 3
  - B) 4
  - C) >6
  - D) 5
38. Correct match for dermal zones for estimation of total serum bilirubin levels (Modified Kramer Rule) is:
- A) Lower abdomen and thigh 11-13mg/dL
  - B) Palms and soles 13-15 mg/dL
  - C) Chest and upper abdomen 5-7 mg/dL
  - D) Face and neck 7-9 mg/dL
39. Indications for exchange transfusion at birth in infants with rh isoimmunization include:
- A) Cord Hb < 10g/dL
  - B) Cord Hb > 10 g/dL
  - C) Cord Bilirubin < 5 mg/dL
  - D) Packed Cell Volume(PCV) 35%
40. Features that strongly support diagnosis of Guillan Barre Syndrome include following EXCEPT:
- A) Fever at onset
  - B) Autonomic dysfunction
  - C) Relative symmetry of symptoms
  - D) Bilateral weakness of facial muscles

41. Tranta's spots are characteristic of:
- A) Active trachoma
  - B) Bulbar spring catarrh
  - C) Corneal phlycten
  - D) Vitamin A deficiency
42. Patching of the eye is not the treatment in cases of:
- A) Corneal abrasion
  - B) Bacterial corneal ulcer
  - C) Mucopurulent conjunctivitis
  - D) After glaucoma surgery
43. Sudden and painless causes of diminution of bilateral vision include:
- A) Retinal Detachment
  - B) Vitreous Haemorrhage
  - C) Retinal Haemorrhage
  - D) Diabetic Retinopathy
44. Near visual acuity is assessed at:
- A) 20cm
  - B) 30cm
  - C) 40cm
  - D) 50cm
45. Following dyes are used for corneal staining EXCEPT:
- A) Fluorescein
  - B) Rose Bengal
  - C) Alcian Blue
  - D) Sudan B

46. In keratoconus cornea is:
- A) Conical
  - B) Hemispherical, fully protruded
  - C) Bilaterally thin at inferior side
  - D) Rounded Normal but opaque
47. Hordoleum Internum is disease of :
- A) Meibomian Gland
  - B) Eyelid
  - C) Lacrimal Gland
  - D) Conjunctiva
48. Ptosis is due to involvement of:
- A) Third Cranial Nerve
  - B) Fifth Cranial Nerve
  - C) First Cranial Nerve
  - D) Ninth Cranial Nerve
49. Diplopia is the chief complaint of patients with involvement of:
- A) Extrinsic Muscles of Eye
  - B) Intrinsic Muscles of Eye
  - C) Orbital Bone
  - D) Retina
50. Following are the features seen in Incomitant Squint EXCEPT:
- A) Presence of Diplopia
  - B) Restricted Ocular Movements
  - C) Abnormal Head Position
  - D) Equal secondary and Primary Deviation

51. Which of the following constitutes the Delancey level II support?
- A) Round ligaments
  - B) Cardinal ligament
  - C) Pubocervical fascia
  - D) Urogenital diaphragm
52. Which of the following is NOT a Quadrivalent HPV vaccine?
- A) Cervavac
  - B) Cecolin
  - C) Gardasil
  - D) Gardasil 9
53. Which one of the following is NOT a contraindication for the medical management of ectopic pregnancy?
- A) Serum B HCG levels 5000 IU/L
  - B) Embryonic cardiac activity
  - C) Hemoperitoneum
  - D) Sac size 3.5cm
54. Which of the following statement is CORRECT about combined contraceptive vaginal rings?
- A) NUVA ring contains segesterone acetate and ethinyl estradiol
  - B) Annovera ring contains segesterone acetate and ethinyl estradiol
  - C) Vaginal ring needs to be inserted daily
  - D) Vaginal rings have a shorter duration of action as compared to other combined methods
55. A 18-year-old girl was brought to OPD by her mother to seek advice as she had not attained menarche yet. On physical examination, she is 4.5ft, lacks breast and pubic hair development with a webbed neck and cubitus valgus. Which of the following condition is likely to be associated with these findings?
- A) Klinefelter syndrome
  - B) Turner syndrome
  - C) Testicular feminization
  - D) Congenital adrenal hyperplasia

56. Absolute contraindications for the use of oral contraceptives are all EXCEPT:
- A) Thrombo-embolic disorder
  - B) Migraine headache with aura
  - C) Diabetes mellitus
  - D) Uncontrolled hypertension
57. The best method for the prediction of shoulder dystocia in macrosomic fetuses is:
- A) Ultrasound evaluation
  - B) Monitoring progress in labor
  - C) Leopold manoeuvres
  - D) Cannot be predicted
58. What is the classic symptom triad of ectopic pregnancy?
- A) Amenorrhea, irregular bleeding, and lower abdominal pain
  - B) Shock, uterine tenderness, and abdominal pain
  - C) Abdominal tenderness, pelvic tenderness, and irregular vaginal bleeding
  - D) Amenorrhea, shock, and uterine tenderness
59. Which of the following statement is true regarding assisted vaginal delivery?
- A) Administering epidural in the latent phase of labor compared to the active phase increases the risk of assisted vaginal birth
  - B) Epidural analgesia should be routinely discontinued during pushing as it reduces the need of assisted vaginal birth
  - C) Vacuum-assisted birth should be discontinued after two "pop-offs" of the instrument
  - D) The rapid negative pressure application for vacuum-assisted births is not recommended
60. A woman with 6 weeks of gestation is diagnosed to be having a simple ovarian cyst of more than 10cm further management is
- A) Termination of pregnancy with cyst removal
  - B) Urgent ovariectomy
  - C) Removal of a cyst in the second trimester
  - D) Removal of a cyst in immediate postpartum

61. All of the following are the indications for Myomectomy in a case of fibroid uterus, EXCEPT:
- A) Associated infertility
  - B) Recurrent pregnancy loss
  - C) Pressure symptoms
  - D) Malignant degeneration
62. Which of the following therapies has been associated with a decrease in the incidence of preeclampsia in women at increased risk?
- A) Aspirin
  - B) Metformin
  - C) Enoxaparin
  - D) Heparin sulfate
63. Treatment of choice in a 36-year-old nulliparous lady desiring fertility with a diagnosis of Atypical Hyperplasia of Endometrium is:
- A) Endometrial resection
  - B) TAH
  - C) High dose oral progestins
  - D) Observation
64. A 30-year-old G2P1L1 underwent evacuation for complete molar pregnancy, on follow-up HCG levels reverted to normal within 56 days. Follow-up for this lady will be for:
- A) 6 months from the normalization of HCG level
  - B) 6 months from the date of uterine evacuation
  - C) 6 months from the date of diagnosis
  - D) 6 months from hospital discharge
65. The WHO 2030 targets towards elimination of cervical cancer do not include:
- A) 90% of girls fully vaccinated with HPV vaccine by 13 years of age
  - B) 70% of women screened using a high-performance test by 35 years of age and again by 45 years of age
  - C) 90% of women identified with precancer disease are treated
  - D) 90% of women with invasive cancer are managed
66. Uterine artery is a branch of
- A) External Iliac Artery
  - B) Internal Iliac Artery- posterior division
  - C) Internal Iliac Artery- anterior division
  - D) Direct branch from Abdominal Aorta

67. Uteroplacental blood flow at 36 weeks of gestation is:
- A) 50-70 mL/min
  - B) 500-750 mL/min
  - C) 100-150 mL/min
  - D) 200-250 mL/min
68. Which of the following vaccine may be safely given during pregnancy?
- A) Measles
  - B) Varicella
  - C) Rubella
  - D) None of the above
69. According to Medical Termination of Pregnancy (Amendment) Act 2021, the upper gestation limit for termination of pregnancy is:
- A) 12 weeks
  - B) 16 weeks
  - C) 20 weeks
  - D) 24 weeks
70. Most common nonlethal trisomy is:
- A) Trisomy 21
  - B) Trisomy 18
  - C) Trisomy 13
  - D) Trisomy 16
71. Theca lutein cysts are seen in:
- A) Twin pregnancy
  - B) Pregnancy in chronic renal failure patients
  - C) Hydatidiform mole
  - D) Pregnancy in Hypothyroid women

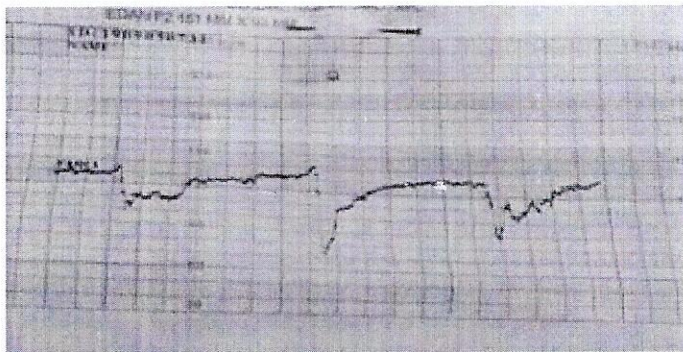
72. Variable deceleration is attributed to:

- A) Fetal head compression
- B) Poor uterine perfusion
- C) Placental dysfunction
- D) Umbilical cord occlusion

73. A 30-year-old female, P2L2 comes to family planning OPD for contraceptive advise. On examination, there is greenish frothy discharge. Which of the following kits is appropriate?

- A) Kit 2
- B) Kit 3
- C) Kit 4
- D) Kit 5

74. What does this fetal heart tracing depict?



- A) Normal cardiotocograph
- B) Acceleration in cardiotocograph
- C) Deceleration in cardiotocograph
- D) None of the above

75. A hypertensive primigravida has been brought to casualty with eclampsia. What is the loading dose of magnesium sulphate in such scenario?

- A) 4-6 g Magnesium sulphate diluted in normal saline intramuscularly over 15-20 minutes
- B) 4-6 g Magnesium sulphate diluted in normal saline intravenously over 15-20 minutes
- C) 1-2 g Magnesium sulphate diluted in normal saline intramuscularly over 15-20 minutes
- D) 1-2 g Magnesium sulphate diluted in normal saline intravenously over 15-20 minutes

76. Active management of third stage of labour include all of the following EXCEPT:
- A) Delayed cord clamping
  - B) Controlled cord traction
  - C) Uterotonic within 1 minute of delivery
  - D) Prophylactic misoprostol
77. Which of the following is associated with highest risk for endometrial cancer development?
- A) Diabetes
  - B) Tamoxifen therapy
  - C) Early and late menopause
  - D) Unopposed estrogen therapy
78. Which of the following is not a type of cervical cancer screening method?
- A) Pap smear
  - B) HPV DNA Testing
  - C) Visual inspection after acetic acid
  - D) Colposcopy
79. Which of the following is a clinical feature of Asherman syndrome?
- A) Oligomenorrhea
  - B) Hypomenorrhea
  - C) Frequent cycles
  - D) Menorrhagia
80. Which of the following is not an emergency contraceptive?
- A) Copper T
  - B) Ulipristal acetate
  - C) Desogestrol containing pill
  - D) Combined oral contraceptive pill
81. In a patient of end-stage renal disease on regular maintenance hemodialysis with inter-dialytic weight gain of 2.5 kg, hypotension during dialysis necessitates saline infusion. What would be the most appropriate approach to prevent hypotension in future dialysis sessions?
- A) Using low calcium dialysate
  - B) Estimate the dry weight of the patient
  - C) Reduce the duration of hemodialysis
  - D) Shift the patient to hemodiafiltration

82. A 24-year-old female patient with difficulty controlling hypertension on three antihypertensive agents presents with a blood pressure of 160/100 mm Hg and diuretic-induced hypokalaemia. The patient is planned for evaluation for primary aldosteronism and advised plasma aldosterone to renin ratio (ARR). Which of the following drugs is preferred for this patient before performing an ARR test?
- Alpha blockers
  - Beta-blockers
  - Alpha agonists
  - Calcium channel blockers
83. A 25-year-old carpenter presented with weakness of small muscles of the right hand with a sensory loss on the medial aspect of the hand and forearm. The most likely diagnosis in this case:
- Right ulnar neuropathy
  - Right C8- T 1 radiculopathy
  - Right lower trunk brachial plexopathy
  - Syringomyelia
84. All of the following statements are true regarding anxiety disorders, EXCEPT:
- In phobic anxiety disorder symptoms occur on exposure to a situation
  - In generalized anxiety disorder symptoms are paroxysmal and episodic
  - In panic disorder patients have fear of symptoms
  - Panic disorder is often associated with agoraphobia
85. Which of the following alternatives may be used in a patient who has to be given Dexamethasone 15 mg daily?
- Hydrocortisone 400 mg
  - Cortisone acetate 500 mg
  - Prednisolone 100 mg
  - Methylprednisolone 80 mg
86. A 30-year-old female patient, known hypothyroid on thyroxine replacement therapy, presents with a history of fever with cough and expectoration for 5 days and decreased sensorium for 2 days. On examination the patient was unconscious, had cold extremities, her temperature was 34 Degrees C, her Pulse Rate was 56 bpm, her Respiratory Rate was 24/min, her BP was 90/70 mm Hg and random blood glucose was 56 mg/dL. All of the following statements regarding the management of this patient are true, EXCEPT:
- Empirical broad-spectrum antibiotics should be started until cultures are available
  - Intravenous loading dose of levothyroxine followed by a daily maintenance dose of levothyroxine should be given
  - Cautious intravenous fluids may be given for hypotension.
  - Corticosteroids may be used if blood pressure does not improve following treatment with levothyroxine and IV fluid

87. The image of an instrument is shown below.



- All of the following statements regarding the procedure that is carried out by this instrument are correct, EXCEPT:
- A) Presence of coagulopathy is an absolute contraindication for carrying out the procedure
  - B) The procedure is carried out in a lateral recumbent position
  - C) While inserting, the bevel of the needle should face upwards
  - D) Breath-holding is not required for the procedure.
88. Which of the following is used in the management of sideroblastic anaemia?
- A) Vitamin B1
  - B) Vitamin B12
  - C) Pyridoxine
  - D) Iron
89. A 50-year-old male presents with progressive weakness of the right lower limb followed by the left lower limb of a one-year duration. For the past two months there is distal weakness and wasting of upper limbs as well. There is increased tone in the lower limbs with brisk reflexes in both the lower and upper limbs. There is no history of sensory loss or bladder symptoms. What is the most likely diagnosis?
- A) Cervical myelopathy
  - B) Multifocal motor neuropathy with conduction block
  - C) Tropical spastic paraparesis
  - D) Amyotrophic Lateral Sclerosis
90. Which of the following is a clinical feature of Viper snake bite?
- A) Ptosis
  - B) Paralysis of limbs
  - C) Haematuria
  - D) Decrease single breath count

91. All of the following are oxygen delivery devices EXCEPT:
- A) Ventury mask
  - B) HFNC
  - C) NIV mask
  - D) N-99 Mask
92. Blood-soaked swabs should be segregated in which color bag?
- A) Red
  - B) Yellow
  - C) Blue
  - D) White
93. All of the following statements are correct EXCEPT:
- A) Fish liver oil is a rich source of vitamin A and D
  - B) Sea fish contain more iodine than fresh water fish
  - C) Fish are richer in iron than meat
  - D) There is practically no carbohydrate in fish
94. A patient undergoes total thyroidectomy for multinodular goiter and develops symptomatic hypocalcemia with carpopedal spasm after 72 hours. Which is the most preferred drug given to correct the same?
- A) Injection of calcium gluconate
  - B) Injection calcium bicarbonate
  - C) Injection of calcium succinate
  - D) Injection of calcium chloride
95. Which of the following micro-nutrient deficiency commonly seen in heavy consumers of alcohol consumers can present with Wernicke's encephalopathy?
- A) Thiamine
  - B) Niacin
  - C) Riboflavin
  - D) Retinoic Acid

96. Which of the following is a definitive airway-preventing aspiration risk?
- A) LMA
  - B) Combi tube
  - C) Endotracheal tube
  - D) Laryngeal airway
97. Gastric lavage is contraindicated in poisoning with:
- A) Dhatura
  - B) Arsenic
  - C) Kerosene
  - D) Organophosphorus
98. A 32-year-old woman is admitted with hypertension. During discharge, she should be advised to avoid which drugs?
- A) Anticoagulants
  - B) Oral contraceptives
  - C) Anxiolytics
  - D) Anti cholinergic
99. Shock associated with tension pneumothorax is:
- A) Hypovolemic Shock
  - B) Neurogenic Shock
  - C) Obstructive Shock
  - D) Septicemic Shock
100. Which is not a characteristic of ideal wound dressing?
- A) Creates a wet environment
  - B) Prevents particulate contamination
  - C) Prevents desiccation
  - D) Allows for gaseous exchange

# ROUGH WORK

## ROUGH WORK

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