

- d. Dorsum of the hand
- e. Over the anatomical snuff box

31. How is cholera transmitted?

- a. Insect vector
- b. Faecal-oral
- c. Air borne
- d. blood Borne
- e. Ingestion of food

32. Which protein in the red blood cell membrane helps attach the membrane skeleton to the membrane?

- a. Ankyrin
- b. Spectrin
- c. Protein 4.1
- d. Tropomodulin 1
- e. Adducin

33. Non has heavy painful periods and doesn't want to have any children, which of the following forms of contraceptive would be most beneficial?

- a. Mirena Coil- progesterone secreting
- b. COCP
- c. POP
- d. Copper IUD
- e. Condoms

34. Which cells release serotonin as part of the wound healing process?

- a. Mast cells
- b. Basophils
- c. Platelets

44. Which strain virus is common cause of the HPV infection that presents with genital warts?

- a. 20
- b. 2
- c. 12
- d. 11
- e. 18

45. Furosemide is a loop diuretic, it works on the and inhibits reabsorption

- a. Thin ascending loop of Henle, Chloride
- b. Thick ascending loop of Henle, Sodium
- c. Thick descending loop of Henle, Chloride
- d. Thin ascending loop of Henle, Chloride
- e. Thick ascending loop of Henle, Chloride

46. Melanie comes for advice. She has been experiencing excessive discharge that she describes as very odorous. Her uncharming boyfriend recently stated that there was definitely a hint of trout down there! Which infection does she likely have?

- a. Chlamydia
- b. Gonorrhea
- c. Bacterial vaginosis
- d. Trichomonis vaginosis
- e. Candidiasis

47. Roger comes into hospital. He is 76 years old. He has a distended abdomen. He has severe and diffuse abdominal pain. He has frank haematuria and extreme flank pain. Given the likely diagnosis, which level does the abdominal aorta bifurcate?

- a. T12
- b. L1
- c. L2
- d. L3

- a. McBurnley's
- b. Psoas
- c. Grey-Turner
- d. Rosving's
- e. Obturator

56. Gethin has unilateral facial droop. He also complains of hyperacusis, which nerve is involved?

- a. Trigeminal nerve
- b. Vestibulococular nerve
- c. Facial nerve
- d. Parotid nerve
- e. Temporal nerve

57. Tracy has been trying to get pregnant. She buys a home ovulation kit. Which hormone surge is responsible for ovulation?

- a. FSH
- b. Oestrogen
- c. Progesterone
- d. Oestradiol
- e. LH

58. Timothy has been experiencing extreme buttock pain that shoots down the back of his legs, he is found to have compression of nerve roots L4-S3. Which nerve does this supply?

- a. Femoral
- b. Common fibular
- c. Sciatic
- d. Peroneal
- e. Obturator

80. Which type of hearing loss is most commonly caused by irreversible damage to the hair cells on the organ of Corti?

- a. Sensorineural
- b. Transient
- c. Congenital
- d. Presbycusis
- e. Conductive

81. How many hydrogen bonds connect guanine and cytosine

- a. 1
- b. 2
- c. 3
- d. 4
- e. 5

82. Which type of ribosome are in mitochondria?

- a. 55S
- b. 55s
- c. 80S
- d. 80s
- e. 30s

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A baby is born with low sunken ears, prominent epicanthic folds and Simian crease. A karyotype is taken, what does it show?

- a. Edward's syndrome- girl
- b. Edward's syndrome- boy
- c. Down syndrome- boy
- d. Down syndrome- girl
- e. Turner's syndrome

100. A 7 year old girl comes in with a sore throat and general fatigue. She is febrile and has a productive cough. As she meets Centor criteria, you prescribe an antibiotic. Which antibiotic should be avoided?

- a. Erythromycin
- b. Amoxicillin
- c. Clarithromycin
- d. Cefotaxime
- e. Metronidazole

101. A patient with metastatic bowel cancer presents with SOB, chest pain and hemoptysis. Which investigation is of the greatest benefit?

- a. V:Q
- b. D-Dimer
- c. CXR
- d. ECG
- e. CTPA

102. You are in case presentation and are discussing the physiology of blood. If there is: stasis of blood flow, injury to the vessel wall and hypercoagulation, this will cause thrombus. What is this triad known as?

- a. Virchow's
- b. Whipple's
- c. Murphy's
- d. Coursovier's

Fibre diameter(um)	0.1 – 20	<4	0.3 – 1.5
Conduction speed (ms-1)	0.5 – 120	3 – 15	0.6 – 2.5
Absolute refractory period (ms)	0.4-1.0	1.2	2
Spike duration (ms)	0.3-0.5	1.2	2

117.

Which type of nerve fibres are in the last column?

- a. A fast
- b. A slow
- c. B
- d. C
- e. C fast



118.

Name this cell type:

- a. Basophil
- b. Macrophage
- c. Neutrophil
- d. Eosinophil
- e. Monocyte

119. What is the first line test in suspected peptic ulcers?

- a. Ammonia breath test
- b. Urea test
- c. Stool test
- d. Endoscopy
- e. PPI trial

120. Which of the following is a shockable rhythm in cardiac arrest?

- a. Atrial Fibrillation