

## FORMAT OF PGMI ENTRY TEST FCPS (MEDICAL SPECIALTIES)

- 1) A blood film is reported as follows: Howell-Jolly bodies, target cells and occasional Pappenheimer bodies are seen. What is the most likely underlying cause?
  - A) Iron-deficiency anemia
  - B) Lead poisoning
  - C) Sideroblastic anemia
  - D) Post-splenectomy \*
- 2) A 67 years old man came to medical OPD, with complaints of an itchy, red rash on his neck, behind his ears and around the nasolabial folds. He has a history of Parkinson's disease. He had a similar flare up last winter but did not seek any medical attention. What is the most likely diagnosis?
  - A) Levodopa associated dermatitis
  - B) Seborrhoeic dermatitis\*
  - C) Flexural psoriasis
  - D) Fixed drug reaction to ropinirole
- 3) Which of the following factors is most associated with an increased risk of developing bladder cancer?
  - A) Strongyloides stercoralis infection
  - B) Beryllium Salt exposure
  - C) Aniline dye exposure\*
  - D) Long term phenytoin use
- 4) A patient presented to the hospital with uncontrolled Hypertension and frequent urination. Choose the correct regarding peritubular capillary hydrostatic pressure.
  - A) Arterial pressure and Afferent arteriolar resistance have no effect on it.
  - B) Decreased Afferent arteriolar resistance decreases it.
  - C) Decreased Arterial pressure raises it.
  - D) Increased Afferent arteriolar resistance decreases it.\*
- 5) The sympathetic and parasympathetic systems exert functionally opposite influences on the following parameters except:
  - A) Heart rate
  - B) Atrial refractory period\*
  - C) Pupil diameter
  - D) Intestinal motility
- 6) In iron deficiency anemia, TIBC is:
  - A) Low
  - B) Moderate
  - C) Normal
  - D) High\*
- 7) The rate of a disease is:
  - A) Frequency of occurrence of a disease over time \*
  - B) Prevalence of a disease in an area
  - C) Risk of a disease in an area
  - D) All of the above
- 8) A non-verbal communication between a doctor and patient, bringing attention to the importance of how words are said is described as:
  - A) Lack of eye contact
  - B) Lack of facial expression
  - C) Paralanguage\*
  - D) All of the above
- 9) Health care ethics committee gives guidelines about the humanly best measures regarding medical treatment and research. What is true about health care committee?
  - A) It has the responsibility of sanctioning wrong conduct
  - B) It can impose disciplinary measures
  - C) It can guide to what is legally right
  - D) None of the above \*
- 10) The site of action of miotics for therapeutic effect in angle closure glaucoma is:
  - A) Canal of Schlemm
  - B) Ciliary Body
  - C) Ciliary Muscle
  - D) Sphincter Pupillae Muscle \*

## FORMAT OF PGMI ENTRY TEST FCPS (SURGICAL SPECIALTIES)

- 1) In firearm injuries, which of the following statement is false?
  - A) Low-velocity bullet wounds behave like knife injuries.
  - B) High-velocity bullets cause cavitation.
  - C) A temporary cavity is one that lasts momentarily and is not apparent during clinical examination.
  - D) A permanent cavity gives an idea of the extent of damage.\*
- 2) Patients with severe head injury often develop a low blood sodium level (hyponatraemia). Which of the following are causes?
  - A) Conn's syndrome
  - B) Excess production of cortisol.
  - C) The syndrome of inappropriate secretion of ADH \*
  - D) Uncontrolled diabetes insipidus
- 3) During a scheduled laparoscopic cholecystectomy in a 47-year-old female patient, the resident accidentally clamped the hepatoduodenal ligament instead of the cystic artery. Which of the following vessels would most likely be occluded in this iatrogenic injury?
  - A) Superior mesenteric artery
  - B) Proper hepatic artery\*
  - C) Splenic artery
  - D) Common hepatic artery
- 4) The following form of ionizing radiation exposure is associated with highest risk of cancer:
  - A)  $\alpha$ -rays \*
  - B)  $\beta$ -rays
  - C)  $\gamma$ -rays
  - D) X-rays
- 5) Choose the antiulcer drug that inhibits gastric acid secretion, stimulates gastric mucus and bicarbonate secretion and has cytoprotective action on gastric mucosa:
  - A) Misoprostol\*
  - B) Sucralfate
  - C) Carbenoxolone sodium
  - D) Colloidal bismuth sub citrate
- 6) If Urine flow rate=1 ml/min; Urine inulin concentration= 100 mg/ml; Plasma inulin concentration= 2mg/ml, what would be the G.F.R?
  - A) 25 ml/min
  - B) 50 ml/min\*
  - C) 100 ml/min
  - D) 125 ml/min
- 7) Which of the following signs have been known to occur in acute pancreatitis?
  - A) Trousseau's sign
  - B) Courvoisier's sign
  - C) Boas' sign
  - D) Grey-Turner's sign\*
- 8) Which of the following are true with regard to spread of gastric cancer?
  - A) Tumor reaching the serosa usually indicates incurability.\*
  - B) Blood-borne metastases commonly occur in the absence of lymph node spread.
  - C) Krukenberg's tumors are always associated with other areas of transcoelomic spread.
  - D) Sister Joseph's nodule is diagnostic of gastric cancer.
- 9) The human face can show the vulnerability of the human person and at the same time appeal for help and assistance. In light of this phrase ethics is
  - A) Not only respecting individuals' choices, rather care for the others\*
  - B) Not only respecting individuals' integrity, rather providing legal aide
  - C) Not only respecting individuals' privacy, rather providing treatment
  - D) All of the above
- 10) Which method of analysis does not classify variables as dependent or independent?
  - A) Cluster analysis \*
  - B) Regression analysis
  - C) Discriminant analysis
  - D) Analysis of variance

## FORMAT OF PGMI ENTRY TEST FCPS (DENTISTRY)

- 1) The most common sequence of eruption of maxillary permanent dentition is:
  - A) 6,1,2,3,4,5,7 \*
  - B) 6,1,2,4,3,5,7
  - C) 6,2,1,4,5,3,7
  - D) 5,6,1,2,3,4,7
- 2) A male patient came to maxillofacial ward with the complaint of excessive cough, wheezes, decreased sense of smell and facial pain. The patients also have a history of drug sensitivity and allergies. You sent the patient for CT head and radiologist report confirmed lumps inside the paranasal sinus. What is the most likely diagnosis?
  - A) Polyps\*
  - B) Mucous extravasation cyst
  - C) Inverted mucocele
  - D) Pleomorphic adenoma
- 3) A 35 years old man with a six months history of trauma to his face. He complains of slight burning in the temporal area accompanied by increased sweating while eating. He also has facial flushing. What is the most likely diagnosis?
  - A) Bell's palsy
  - B) Cluster headache
  - C) Frey's syndrome\*
  - D) Post herpetic neuralgia
- 4) A 32 years old man came to oral surgery ward with the complaint of loss of taste, and a numb sensation in the left half of his tongue. He has a history of surgical removal of his left lower wisdom tooth. Which of the following nerves is most likely to have been injured during removal of this tooth?
  - A) Facial nerve
  - B) Glossopharyngeal nerve
  - C) Lingual nerve\*
  - D) Mandibular nerve
- 5) An old patient of eighty years of age came to maxillofacial surgery ward with a complaint of an ulcer in the floor of the mouth. This condition was present for several months and has not responded to conventional treatment. An incisional biopsy is taken. Which of the following histological changes in the epithelium confirm a diagnosis of squamous cell carcinoma?
  - A) Hyperkeratosis
  - B) Acanthosis
  - C) Dysplasia
  - D) Invasion\*
- 6) Which one of the following is not a precancerous lesion?
  - A) Leukoplakia
  - B) Thrush \*
  - C) Erythroplakia
  - D) Oral submucous fibrosis
- 7) When a physician is interrogating a patient, the perceptual filters of life experience, self- image, values and discrimination:
  - A) Are occurring only within the patient
  - B) Are occurring only within the doctor
  - C) May occur with both patient and doctor\*
  - D) Occurs primarily when the patient has a psychiatric condition
- 8) For random sample size 4 taken from a population whose variance is 16. When sampling is done with replacement the variance of the sample mean is;
  - A) 16\*
  - B) 4
  - C) 2
  - D) 48