

## MRII EXAMINATION SAMPLE QUESTIONS

### PAPER ONE SAMPLE QUESTIONS

In the cell unwanted material is digested by the;

- (a) ribosome
- (b) lysosome
- (c) centrosome
- (d) golgi apparatus

Types of epithelial tissue include;

- (a) simple squamous
- (b) simple cuboidal
- (c) areolar
- (d) fibrous

Blood Plasma contains;

- (a) serum albumin
- (b) serum globulin
- (c) haemoglobin
- (d) prothrombin

Nerve cells have the following features;

- (a) dendrites
- (b) pons
- (c) nodes of ranvier
- (d) medulla

The upper respiratory tract includes;

- (a) pharynx
  - (b) larynx
  - (c) epiglottis
  - (d) trachea
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The testes include;

- (a) cells of leydig
- (b) corpus luteum
- (c) seminiferous tubules
- (d) the glans

Salivary glands include;

- (a) parotid
- (b) pytalin
- (c) submandibular
- (d) sublingual

Hormones secreted by the anterior lobe of the pituitary gland include;

- (a) vasopressin
- (b) prolactin
- (c) growth hormone
- (d) oxytocin

The humoral immune system;

- (a) destroys bacteria that cause infection
- (b) destroys viruses that cause infection
- (c) destroys cells infected by bacteria
- (d) produces antibodies

Diminished output of urine is termed;

- (a) anuria
  - (b) oligouria
  - (c) dysuria
  - (d) polyuria
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Osteoblasts;

- (a) build up new bone
- (b) break down bone
- (c) convert calcium salts to insoluble salts
- (d) dissolve calcium salts

Excess heat is got rid of by the skin by;

- (a) radiation
- (b) convection
- (c) conduction
- (d) evaporation

The Health Products Regulatory Authority (HPRA) is the competent authority under Irish law for;

- (a) Human Medicines
- (b) Veterinary Medicines
- (c) Cosmetic Products
- (d) Medical Devices

What types of interactions are covered by the IMSTA code;

- (a) Events
- (b) Remuneration
- (c) Donations
- (d) Gifts

The term "medical product" has the same meaning as;

- (a) Medical preparation
- (b) Pharmaceutical product
- (c) Pharmaceutical preparation
- (d) Medical authorisation

A promotional aid is:

- (a) an advertisement to the general public
  - (b) an advertisement consisting solely of the name of the product, its international non-proprietary name and/or the trademark
  - (c) an advertisement intended exclusively as a reminder
  - (d) intended for supply only to persons qualified to prescribe or supply medicinal products
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## PAPER TWO SAMPLE QUESTIONS

Pharmacokinetics;

- (a) describes what the body does to the drug
- (b) describes what the drug does to the body
- (c) is the study of the movement of the drugs around the body
- (d) is the study of the actions of a specific drug

Parenteral administration of drugs include;

- (a) intravenous injection
- (b) intramuscular injection
- (c) buccal or sublingual
- (d) topical

Recombinant monoclonal antibody biopharmaceutical drugs include;

- (a) intron A
- (b) avonex
- (c) remicade
- (d) xigris

Factors influencing the development of tumours include;

- (a) heredity factors
- (b) iatrogenic factors
- (c) microbial factors
- (d) environmental factors

Prokaryotes include;

- (a) fungi
  - (b) bacteria
  - (c) viruses
  - (d) actinomyctes
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Pernicious anaemia;

- (a) is caused by a lack of vitamin B1
- (b) is caused by a lack of vitamin B12
- (c) results in less mature white blood cells developing
- (d) results in less mature red blood cells developing

The techniques of mechanically widening narrow or obstructed arteries is called;

- (a) angioblasty
- (b) CABG
- (c) angioplasty
- (d) angina

Examples of neuroses include;

- (a) phobias
  - (b) hysteria
  - (c) obsessive-compulsive disorders
  - (d) schizophrenia
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Some of the most common indications for colectomy are;

- (a) diverticulitis and diverticular disease of the large intestine
- (b) trauma
- (c) inflammatory bowel disease such as ulcerative colitis or Crohn's disease
- (d) colon cancer

Pneumonia may be caused by;

- (a) mycobacteria
- (b) dust
- (c) fungi
- (d) environmental toxins

Trichomonas vaginitis;

- (a) is a bacterial infection of the vagina
- (b) is a fungal infection of the vagina
- (c) is a protozoan infection of the vagina
- (d) is a yeast infection of the vagina

Graves disease;

- (a) is a disease/disorder of the pituitary gland
- (b) is a disease/disorder of the thyroid gland
- (c) is an autoimmune disease
- (d) has no known associated hereditary factors

Immunosuppressants include;

- (a) herceptin
  - (b) astemizole
  - (c) loratidine
  - (d) cyclosporine
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Muscular dystrophy;

- (a) describes a group of inherited genetic muscle diseases
- (b) includes duchenne
- (c) includes limb girdle
- (d) includes Emery-Dreifuss

Combivir is a;

- (a) drug used in the treatment of H.I.V.
  - (b) protease inhibitor
  - (c) fusion inhibitor
  - (d) nucleoside reverse transcriptase inhibitor
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