

- Instructions:
- Please attempt Section-A on the MCQs Answer Sheet only.
 - Only black ball point or marker may be used for shading the relevant circle.
 - Please make sure that there is no cutting, over writing, erasing, or multiple circles shading.

Time Allowed: 20 Minutes

"Section-A"

Marks: 18

Q.1. Choose the correct option i.e. A, B, C or D.

- Human lungs are spongy due to the presence of million of
☐ (A) Bronchi ☐ (B) Bronchioles ☒ (C) Alveoli ☐ (D) Trachea
- The process during which potassium and hydrogen ions and some toxic substances are put into urine is called
☒ (A) Filtration ☐ (B) Tubular secretion ☐ (C) Reabsorption ☐ (D) Countercurrent multiplication
- There are over 30 different causes of
☐ (A) Emphysema ☐ (B) Pneumonia ☒ (C) Tuberculosis ☐ (D) Asthma
- In man there are pairs of ribs.
☒ (A) Twelve ☐ (B) Fourteen ☐ (C) Sixteen ☐ (D) None of these
- The adrenal cortex produces
☒ (A) Aldosterone ☐ (B) Epinephrine ☐ (C) Calcitonin ☐ (D) Adrenaline
- The corpus luteum is formed at the site of
☐ (A) Fertilization ☒ (B) Ovulation ☐ (C) Menstruation ☐ (D) Implantation
- Embryo implants in the of the uterus.
☐ (A) Perimetrium ☐ (B) Myometrium ☐ (C) Endometrium ☒ (D) Cervix
- The outer layer of the blastocyst, which later attaches to the uterus, is
☒ (A) Deciduas ☐ (B) Inner cell mass ☐ (C) Amnion ☐ (D) Trophoblast
- The universal blood donors for the ABO system are type
☐ (A) A ☐ (B) B ☐ (C) O ☒ (D) AB
- Which of the following act as a stop codon?
☐ (A) UGU ☐ (B) UAG ☒ (C) UGC ☐ (D) UGG
- In Griffith experiment mice developed pneumonia when they were injected with
☒ (A) R-type bacteria ☐ (B) Heat killed S-type bacteria ☐ (C) Heat killed R-type bases ☐ (D) None of these
- A permanent change in the genetic structure of a gene is called
☐ (A) Translocation ☐ (B) Linkage ☐ (C) Nondisjunction ☒ (D) Mutation
- Similarity in characteristics resulting from common ancestry is known as
☐ (A) Analogy ☒ (B) Homology ☐ (C) Phylogeny ☐ (D) None of these
- The first field trials of genetically engineered plants occurred in France and USA in
☐ (A) 1984 ☐ (B) 1986 ☒ (C) 1988 ☐ (D) 1990
- Cell suspension culture of cinchona ledgeriana produce
☐ (A) Digitoxin ☐ (B) Poludrin ☒ (C) Quinine ☐ (D) Anti toxin
- BCG vaccine is a type of vaccine.
☐ (A) Killed ☒ (B) Conjugated ☐ (C) Live attenuated ☐ (D) Subunit
- Oxygen carrying capacity of blood does not depend upon
☐ (A) Height from sea level ☐ (B) Partial pressure of CO₂ ☒ (C) Quantity of blood ☐ (D) Partial pressure of O₂
- In succession, lithosere takes place on
☐ (A) Sand ☐ (B) Water ☐ (C) Forest floor ☒ (D) Bare rocks