

CUET 2026 May 19 Shift 2 Biology

Question Paper (Memory-Based)

Conducted by National Testing Agency (NTA)



General Instructions

- (i) The examination will be conducted in Computer-Based Test (CBT) mode.
- (ii) Each question carries +5 marks for correct answer and -1 mark for wrong answer.
- (iii) The total number of questions are 50.
- (iv) Duration of the exam is 1 hour (60 minutes).

1. The ratio of number of microspore tetrads formed : total microspores produced from 50 MMCs is

- (A) 1 : 2
 - (B) 1 : 3
 - (C) 1 : 4
 - (D) 4 : 1
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2. The position of antipodals in mature embryo sac in angiosperm plant is

- (A) At chalazal end
 - (B) At micropylar end
 - (C) In central part
 - (D) In synergid
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3. Identify the correct sequence of mature embryo formation from zygote.

Stages given:

- (A) Heart-shaped embryo
- (B) Globular embryo

(C) Proembryo

(D) Mature embryo

Choose the correct answer from the options given below:

(A) (A), (B), (C), (D)

(B) (B), (A), (D), (C)

(C) (A), (D), (B), (C)

(D) (C), (B), (A), (D)

4. Match List-I with List-II.

Choose the correct answer from the options given below:

List-I (Hormones)		List-II (Role/functions)	
(A)	LH	(I)	Causes stronger uterine contractions
(B)	FSH	(II)	Essential for maintenance of the endometrium during menstrual cycle
(C)	Oxytocin	(III)	Acts on Leydig cells and stimulates synthesis and secretion of androgens
(D)	Progesterone	(IV)	Acts on Sertoli cells and stimulates secretion of some factors which help in spermiogenesis

(A) $A \rightarrow (I), B \rightarrow (II), C \rightarrow (III), D \rightarrow (IV)$

(B) $A \rightarrow (III), B \rightarrow (I), C \rightarrow (II), D \rightarrow (IV)$

(C) $A \rightarrow (I), B \rightarrow (II), C \rightarrow (IV), D \rightarrow (III)$

(D) $A \rightarrow (III), B \rightarrow (IV), C \rightarrow (I), D \rightarrow (II)$

5. Select the correct statements regarding menstrual cycle in human female:

(A) The first menstruation begins at puberty and is called menopause.

- (B) The ovulation takes place in the middle of cycle (about 14th day), when the level of progesterone is at maximum level.
- (C) In absence of fertilisation, the corpus luteum degenerates which causes the disintegration of endometrium leading to menstruation.
- (D) In human beings, menstrual cycle ceases around 50 years of age.

Choose the correct answer from the options given below:

- (A) (A) and (B) only
- (B) (B) and (D) only
- (C) (A) and (C) only
- (D) (C) and (D) only
-

6. Arrange the following ducts pertaining to male reproductive system starting from seminiferous tubules.

Ducts given:

- (A) Vas deferens
- (B) Vasa efferentia
- (C) Rete testis
- (D) Epididymis

Choose the correct answer from the options given below:

- (A) (A), (B), (C), (D)
- (B) (B), (C), (D), (A)
- (C) (D), (A), (B), (C)
- (D) (C), (B), (D), (A)
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7. Which of the following statements is incorrect with respect to Medical Termination of Pregnancy?

- (A) They are considered safe during the first trimester.
- (B) It is legalized in India from 1971.
- (C) MTPs can be performed even after 24 weeks, but with the opinion of 2 registered medical

practitioners on specific grounds.

(D) About 20% of the total number of concerned pregnancies undergo MTP in a year globally.

8. Select the correctly matched pair about sickle cell anaemia: Genotype : Phenotype

(A) $Hb^A Hb^A$: Diseased phenotype

(B) $Hb^A Hb^S$: Diseased phenotype

(C) $Hb^S Hb^S$: Diseased phenotype

(D) $Hb^S Hb^A$: Carrier of disease

Choose the correct answer from the options given below:

(A) (C) and (D) only

(B) (A) and (C) only

(C) (B), (C) and (D) only

(D) (A), (B) and (C) only

9. Given below are two statements:

Statement I: Phenylketonuria is an example of pleiotropy

Statement II: Affected individuals lack an enzyme which converts phenylalanine into tyrosine.

In the light of the above statements, choose the most appropriate answer from the options given below:

(A) Both Statement I and Statement II are correct

(B) Both Statement I and Statement II are incorrect

(C) Statement I is correct but Statement II is incorrect

(D) Statement I is incorrect but Statement II is correct

10. The scientist who noted that “The behaviour of chromosomes was parallel to the behaviour of genes” were:

(A) Sutton and Boveri

(B) de Vries, Correns and Tschermak

(C) Punnett and Bateson

(D) Morgan and Bridges
