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**SUBJECT
BIOLOGY**

KCET EXAMINATION - 2025

**VERSION
B3**

DATE : 17-04-2025

TIME : 02:30 PM TO 03:50 PM

LONG TERM COACHING
1ST BATCH FOR NEET - 2026

5TH STARTS ON
JUNE - 2025

NEET TOPPERS OF DR ACADEMY

NEET - 2024 | JIPMER - PUDUCHERRY



**706
MARKS**

VENKATA SURYA TEJA GUDURI

NEET - 2021 | JIPMER - PUDUCHERRY



**695
MARKS**

AKSHMAN REDDY B V

NEET - 2024 | BMC - BANGALORE



**690
MARKS**

ABHISHEK A BADAGOUDAR

NEET - 2024 | BMC - BANGALORE



**686
MARKS**

RAHUL KADLAGOND

NEET - 2024 | BIMC - BELAGAVI



**686
MARKS**

AMEERMUSADDIQ SANADI

NEET - 2024 | KIMS - HUBLI



**686
MARKS**

ADITYA SAKRI

NEET - 2024 | BMC - BANGALORE



**681
MARKS**

UTTAM SUBHASH HUKKERI

NEET - 2024 | SABVIMS - BENGALURU



**681
MARKS**

MOHAMMED NAASIRUDEEN D

NEET - 2024 | MMCRI - MYSORE



**680
MARKS**

SUHAS L KORABU

NEET - 2023 | BMC, BANGALORE



**680
MARKS**

SHRAVAN REDDY C N

NEET - 2023 | JIPMER PUDUCHERRY



**677
MARKS**

KAMALIKA CHALLA

NEET - 2022 | BIMC, BELAGAVI



**677
MARKS**

SACHI KALLOLI

NEET - 2023 | AIIMS, NAGPUR



**676
MARKS**

MOHAMMED SULEMAN

NEET - 2022 | AIIMS, BHOPAL



**675
MARKS**

CHATHUSH GOWDA D S

NEET - 2022 | BMC, BANGALORE



**672
MARKS**

CHANDANA D

NEET - 2021 | BMC, BANGALORE



**672
MARKS**

SOWRAV B

NEET - 2020 | BMC, BANGALORE



**671
MARKS**

ZOYA FIRDOUSE

NEET - 2024 | GIMS - GULBARGA



**671
MARKS**

GIRISH J PARAMAGOND

NEET - 2024 | MIMS - MANDYA



**670
MARKS**

SNEHA SUBHAS PATIL

NEET - 2024 | MMCRI - MYSORE



**666
MARKS**

RAJIV BHEEMASHANKAR CHOUDHARY

NEET - 2022 | BMC, BANGALORE



**665
MARKS**

C SATHYAM

NEET - 2024 | KIMS - HUBLI



**665
MARKS**

RASHMI PATIL

NEET - 2023 | JIPMER PUDUCHERRY



**665
MARKS**

JAYANTH L S

NEET - 2024 | BIMC - BELAGAVI



**663
MARKS**

MOHAMMED ZEESHAN

NEET - 2024 | KIMS - BANGALORE



**662
MARKS**

POOJA U

NEET - 2024 | MMCRI - MYSORE



**662
MARKS**

SAMPAT GOPAL GOKAK

NEET - 2024 | SABVIMS - BENGALURU



**662
MARKS**

SIDDHARTH A S

NEET - 2024 | SABVIMS - BENGALURU



**661
MARKS**

DIVYA M YALIGAR

NEET - 2021 | KIMS, HUBLI



**661
MARKS**

SHASHANK SURAPOOR

NEET - 2024 | KIMS - HUBLI



**660
MARKS**

ANMOL R KOTNAL

NEET - 2024 | KIMS - BANGALORE



**660
MARKS**

ADHITHYA SUDARSAN GOKHALE

NEET - 2024 | KIMS - BANGALORE



**660
MARKS**

SHRIDHAR BIRADAR

NEET - 2024 | KIMS - BANGALORE



**660
MARKS**

POOJA N

NEET - 2024 | KIMS - BANGALORE



**660
MARKS**

TARUN N

NEET - 2024 | KIMS - BANGALORE



**660
MARKS**

NACHIKET KEMPANNA

NEET - 2024 | KIMS - BANGALORE



**657
MARKS**

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NEET MEDICAL
SELECTIONS

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2018

210
2019

182
2020

279
2021

445
2022

452
2023

569
2024

TOTAL 2260 MEDICAL SELECTIONS

in seven consecutive years. Our students joined in many reputed medical colleges across Karnataka.

NEET - 2024 MIMS - MANDYA  657 MARKS S SUHAS	NEET - 2024 SABVIMS - BENGALURU  657 MARKS SHREEHARINATH A B	NEET - 2024 GMC - SAMBAHJINAGAR  656 MARKS PRATEEK SUBHASH TOPINATTI	NEET - 2024 KIMS - HUBLI  656 MARKS YASEEN MULLA	NEET - 2024 MIMS - MANDYA  656 MARKS KUSUMA M	NEET - 2024 SIMS - SHIMOGA  656 MARKS NAGAVARDHAN MR
NEET - 2024 VIMS - BELLARY  656 MARKS N POOJITHA SHREE	NEET - 2023 BMC, BANGALORE  656 MARKS BHANU PRAKASH D M	NEET - 2021 AIIMS, HYDERABAD  656 MARKS VARUN KAJAGAR	NEET - 2024 AIIMS, HYDERABAD.  655 MARKS AMODH NAIK	NEET - 2024 BIMC - BELAGAVI  655 MARKS SAKSHI CHANDRASHEKHAR YALARADDI	NEET - 2024 HIMS - HASSAN  655 MARKS NITYA REDDY C
NEET - 2024 SIMS - SHIMOGA  655 MARKS MAHIPAL SINGH	NEET - 2024 VIMS - BELLARY  654 MARKS NIVEDITA	NEET - 2023 BMC, BANGALORE  654 MARKS ABHISHEK V G	NEET - 2021 BMC, BANGALORE  654 MARKS KUMARESH HIREMATH	NEET - 2024 BIMC - BELAGAVI  653 MARKS SIDDANAGOUDA S PATIL	NEET - 2024 KIMS - HUBLI  653 MARKS VINDHYA B G
NEET - 2024 BIMC - BELAGAVI  652 MARKS BHOOMIKA BAYAKOL	NEET - 2024 VIMS - BELLARY  652 MARKS CHIRANTHAN J	NEET - 2024 VIMS - BELLARY  652 MARKS B K V KARTHIKEYA	NEET - 2024 KIMS - HUBLI  651 MARKS SHASHANK VALIMARAD	NEET - 2024 KIMS - HUBLI  650 MARKS PARASHURAM KYADIGGERI	NEET - 2024 MIMS - MANDYA  650 MARKS PREETHAM K M
NEET-2022 BMC, BANGALORE  650 MARKS SANKALP	NEET-2022 KIMS, HUBLI  650 MARKS ABHIJIT RAMESH MIRJI	NEET - 2024 VIMS - BELLARY  649 MARKS KEERTI VEERANNA KORI	NEET - 2024 VIMS - BELLARY  648 MARKS SONIYA S	NEET - 2024 BMC - BANGALORE  647 MARKS NAVYA	NEET - 2024 BIMC - BELAGAVI  647 MARKS SIDDANAGOUDA PATIL
NEET - 2024 BIMC - BELAGAVI  647 MARKS OMKAR N MUDENUR	NEET-2024 MIMS - MANDYA  647 MARKS VIJAY KUMAR B DEYANNAVAR	NEET-2022 BMC, BANGALORE  647 MARKS SUPRIT SAMJAY K	NEET-2021 BMC, BANGALORE  647 MARKS PRAMOD I HONAGOUD	NEET-2020 BMC, BANGALORE  647 MARKS CHANDAN S	NEET-2024 CIMS - CHAMARAJANAGAR  646 MARKS BUTHESH G
NEET-2024 GIMS - GADAG  646 MARKS BASAVAKIRAN DHAREPPANAVAR	NEET-2024 VIMS - BELLARY  646 MARKS VENKATESH REDDY	NEET-2022 BMC, BANGALORE  646 MARKS SHIVAANI S GOUNDER	NEET-2022 KIMS, HUBLI  646 MARKS ROHAN R KONGI	NEET-2024 BIMC - BELAGAVI  645 MARKS CHANDANA B	NEET-2024 GIMS - GADAG  645 MARKS SHASHANK CHANDRA SHEKHAR KANDAGAL
NEET-2024 MIMS - MANDYA  645 MARKS PRASHANTGOUDA MENASAGI	NEET-2024 PSGIMS - COIMBATORE  645 MARKS GOURAV S	NEET-2024 VIMS - BELLARY  645 MARKS MEHANTH SAI REDDY G R	NEET-2023 BMC, BANGALORE  645 MARKS NABIYA MUSHTAQ AHMED M	NEET-2023 GMC, SECUNDERABAD  645 MARKS VIJESH KANNA K	NEET-2022 BMC, BANGALORE  645 MARKS SAATHVIK S G
NEET-2021 MMCRI, MYSORE  645 MARKS AJEETH MALLAPPA T	NEET-2024 HIMS - HASSAN  644 MARKS DEEPTHI S M	NEET-2024 MIMS - MANDYA  644 MARKS SANJANA R	NEET-2023 MMCRI, MYSORE  643 MARKS VISHAL S PATIL	NEET-2022 BMC, BANGALORE  643 MARKS VAISHNAVI REDDY	NEET-2022 SMC, CHENNAI  643 MARKS S NAYANA

1. Which of the following are the techniques for detection of cancer of internal organs?
- Radiography, MRI
 - MRI, computed tomography
 - Widal test, radiography
 - MRI, widal test
- b and c
 - b and d
 - a and b
 - a and c

Ans. 3

2. Malignant malaria is caused by
- Plasmodium falciparum*
 - Plasmodium rubrum*
 - Plasmodium malariae*
 - Plasmodium vivax*

Ans. 1

3. The drug prescribed to the patients who have undergone organ transplant is _____ and is produced by _____.
- Cyclosporin-A, *Trichoderma polysporum*
 - Stain, *Trichoderma polysporum*
 - Cyclosporin-A, *Monascus purpureus*
 - Stain, *Monascus purpureus*

Ans. 1

4. Read the following statements and select the correct option.
- Statement-I: Biocontrol refers to the use of biological methods for controlling plant diseases and pests.
- Statement-II: *Trichoderma* species are effective biocontrol agents for several plant pathogens.
- Statement-I is incorrect but statement-II is correct
 - Both statement-I and statement-II are correct
 - Statement-I and statement-II is incorrect
 - Both statement-I and statement-II are incorrect

Ans. 2

5. Match the column-I with column-II. Choose the correct option given below.

Column-I	Column-II
a) <i>Streptococcus</i>	i) Free living nitrogen fixing bacteria
b) <i>Penicillium</i>	ii) Colt buster
c) Methanogens	iii) Source of antibiotic
d) <i>Anabaena</i>	iv) Biogas production

- a-iv, b-iii, c-i, d-ii
- a-iv, b-i, c-iii, d-ii
- a-ii, b-iii, c-iv, d-i
- a-ii, b-iv, c-iii, d-i

Ans. 3

6. Match the contents of List-I with List-II

List-I	List-II
a) Bioreactors	i) Insulin produced by rDNA technology
b) Downstream processing	ii) Vessels which convert raw material into specific product
c) Recombinant protein	iii) Detect mutated genes in suspected cancer patient
d) PCR	iv) Involves separation and purification

- a-i, b-ii, c-iv, d-ii
- a-ii, b-i, c-iii, d-iv
- a-ii, b-iv, c-i, d-iii
- a-iv, b-ii, c-iii, d-i

Ans. 3

7. The part of plasmid that codes for proteins involved in the replication of the pBR³²² Plasmid is
- "rop"
 - cloning site
 - Ori site
 - Selectable marker

Ans. 1

8. To isolate DNA from fungal cells, bacterial cells and plant cells, the enzymes required are respectively
- Chitinase, Lysozyme and Cellulase
 - Cellulase, Protease and Lysozyme
 - Lysozyme, Cellulase and Chitinase
 - Lysozyme, Proteases and Ribonuclease

Ans. 1

9. In mature insulin, which of the peptide is not present?
- C-peptide
 - A and B peptides
 - A-peptide
 - B-peptide

Ans. 1

10. A scientist wants to produce virus-free plant in tissue culture. Which part of the plant will he use as an explant?

- a) mature stem b) axillary meristem
c) apical meristem d) mesophyll cell

Choose the correct option from the following.

- 1) b only 2) c and d 3) a only 4) b and c

Ans. 4

11. Some strains of *Bacillus thuringiensis* produce proteins that kill insects. Which one of the following is not killed by proteins of *Bacillus thuringiensis*?

- 1) Cotton bollworm 2) Tapeworm
3) Tobacco budworm 4) Armyworm

Ans. 2

12. Which one of the following population attributes, contributes to increase in population density?

- 1) Natality and Emigration
2) Mortality and Immigration
3) Natality and Immigration
4) Mortality and Emigration

Ans. 3

13. If 8 individuals in a laboratory population of 80 fruit flies died during a specified time interval, the death rate in the population during that period is

- 1) 0.1 individual/time interval
2) 1 individual/time interval
3) 0.01 individual/time interval
4) 0.001 individual/time interval

Ans. 1

14. Choose the correct sequence of steps involved in decomposition

- 1) Fragmentation → Mineralisation → Humification → Leaching → Catabolism
2) Fragmentation → Leaching → Catabolism → Humification → Mineralisation.
3) Fragmentation → Catabolism → Leaching → Humification → Mineralisation
4) Fragmentation → Leaching → Catabolism → Mineralisation → Humification

Ans. 2

15. With respect to limitation of Ecological pyramids, which of the following statements are correct?

- a) It does not take into account the same species belonging to two or more trophic levels.
b) It assumes a simple food chain, something that almost never existed in nature.
c) It accommodates saprophytes.
d) It does not accommodate a food web.

Choose the correct answer from the options given below.

- 1) c and d 2) a, b and d
3) a and b 4) b and c

Ans. 2

16. The 'Sixth Extinction' of species, presently in progress, is _____ times faster than the previous five episodes of mass extinctions.

- 1) 1000 to 10000 2) 1 to 10
3) 10 to 100 4) 100 to 1000

Ans. 4

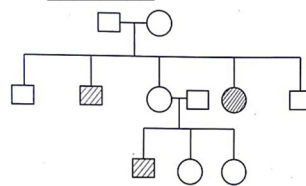
17. Species diversity ____ as we move away from the ____ towards ____

- 1) Decreases, Poles, Equator
2) Stable, Equator, Poles
3) Increases, Equator, Poles
4) Decreases, Equator, Poles

Ans. 4

18. In a practical examination, the following pedigree chart was given as a spotter for identification.

The students identify the given pedigree chart as _____



- 1) Sex-linked dominant
2) Sex-linked recessive
3) Autosomal dominant
4) Autosomal recessive

Ans. 4

19. A student observed the T.S. of a plant organ slide under microscope. He observed the vascular bundles in the stelar region as conjoint collateral and open. Based on these features of vascular bundle, identify the correct option from below.

- 1) Monocot Root 2) Monocot Stem
3) Dicot Root 4) Dicot Stem

Ans. 4

20. A student observed the slide of mitosis under the microscope and observed that the chromosomes were placed at the opposite poles. Which stage was the student observing?
- Metaphase
 - Telophase
 - Prophase
 - Anaphase

Ans. 4

21. Identify the incorrect statement with respect to the rules of Binomial Nomenclature.
- Biological names are underlined separately when handwritten
 - Biological names are printed in Italics to indicate their non-Latin origin.
 - The first word represents the genus while second component denotes the specific epithet
 - Biological names are generally in Latin or Latinised irrespective of their origin

Ans. 2

22. Match Column-I with Column-II and choose the correct option given below:

	Column-I (Bacteria)		Column-II (Shape)
a)	Coccus	i)	Rod-shaped
b)	Bacillus	ii)	Spiral
c)	Vibrium	iii)	Spherical
d)	Spirillum	iv)	Comma-shaped

- a-iii, b-ii, c-iv, d-i
- a-iv, b-iii, c-ii, d-i
- a-iv, b-i, c-ii, d-iii
- a-iii, b-i, c-iv, d-ii

Ans. 4

23. Read the given statements and choose the correct option:

Statement I: Gemmae are green unicellular sexual buds which develop in receptacles called gemma cups.

Statement II: Protonema develops directly from a spore

- Statement I is false but Statement II is true
- Both Statement I and Statement II are false
- Both Statement I and Statement II are true
- Statement I is true but Statement II is false

Ans. 1

24. During a field trip a student observed a marine organism with worm-like body. The cylindrical body was divisible into proboscis, collar and a long trunk. The organism may be ____.

- Pterophyllum*
- Trygon*
- Balanoglossus*
- Ophiura*

Ans. 3

25. Identify the types of aestivation in corolla labelled as 'a', 'b', 'c' and 'd'



- a-Vexillary, b-Imbricate, c-Twisted, d-Valvate
- a-Vexillary, b-Imbricate, c-Valvate, d-Twisted
- a-Vexillary, b-Twisted, c-Imbricate, d-Valvate
- a-Imbricate, b-Valvate, c-Vexillary, d-Twisted

Ans. 1

26. Match the Column-I with Column-II and choose the correct option:

	Column-I (characteristics of vascular bundle)		Column-II (Transverse section)
a)	Radial, tetrarch, cambial ring between xylem and phloem at later stages	i)	T.S of monocot stem
b)	Conjoint, open and endarch	ii)	T.S of dicot root
c)	Radial, Polyarch, large pith without cambial ring	iii)	T.S of monocot root
d)	Conjoint, closed with sclerenchymatous bundle sheath	iv)	T.S of dicot stem

- a - ii, b - iv, c - iii, d - i
- a - iii, b - iv, c - i, d - ii
- a - i, b - ii, c - iii, d - iv
- a - ii, b - iii, c - iv, d - i

Ans. 1

27. Which of the following statements are correct with respect to Frogs?

- Bidder's canals are present in male Frogs
- Copulatory pads are present in female Frogs
- Sound producing vocal sacs are present in male Frogs
- Cloaca is present in male Frog only

Choose the most appropriate answer from the options given below:

- a and c
- b and d
- a and d
- a and b

Ans. 1

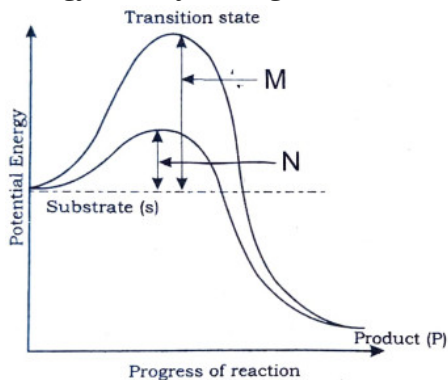
28. The reserve material in prokaryotic cells are stored in the cytoplasm in the form of
- 1) Exclusion and inclusion bodies
 - 2) Fat bodies
 - 3) Exclusion bodies
 - 4) Inclusion bodies

Ans. 4

29. The cell wall less prokaryote among the following is
- 1) Cyanobacteria
 - 2) Mycoplasma
 - 3) Bacteria
 - 4) Blue-Green Algae

Ans. 2

30. The graph showing the concept of activation energy of enzyme is given below:



Observe the graph and choose the correct option for M and N.

- 1) M-High temperature, High activation energy, N-Low temperature, Low activation energy
- 2) M-High substrate, High activation energy, N-Low substrate, Low activation energy
- 3) A-Activation energy without enzyme, N-Activation energy with enzyme
- 4) M-Activation energy with enzyme, N -Activation energy without enzyme

Ans. 3

31. Match the stages of prophase I given in Column-I with their features in Column-II and choose the correct options from the choices given below:

Column-I	Column-II
a) Leptotene	i) Exchange of genetic materials between non-sister chromatids of the homologous chromosomes
b) Zygotene	ii) Chromosomes visible under light microscope
c) Pachytene	iii) Dissolution of synaptonemal complex
d) Diplotene	iv) Chromosomes start pairing together
e) Diakinesis	v) Terminalisation of chiasmata

- 1) a-iv, b-i, c-ii, d-iii, e-v
- 2) a-ii, b-iv, c-i, d-iii, e-v
- 3) a-i, b-ii, c-iii, d-iv, e-v
- 4) a-v, b-iv, c-i, d-iii, e-ii

Ans. 2

32. Read the given statements and choose the correct option:

Statement-I: In Calvin cycle, Carboxylation is catalysed by PEP Carboxylase

Statement-II: In Hatch-Slack pathway, Carboxylation is catalysed by RuBP Carboxylase.

- 1) Statement I is false but Statement II is true
- 2) Both Statement I and Statement II are false
- 3) Both Statement I and Statement II are true
- 4) Statement I is true but Statement II is false

Ans. 1 or 2

33. The TCA cycle starts with the condensation of acetyl group with

- 1) α -Ketoglutaric acid
- 2) Succinic acid
- 3) Oxaloacetic acid
- 4) Citric acid

Ans. 3

34. Match the plant growth hormones of Column-I with suitable chemical derivatives present in Column-II and choose the correct option given below:

Column-I	Column-II
a) Abscissic acid	i) Adenine derivative
b) Gibberellins	ii) Indole acetic acid
c) Kinetin	iii) Carotenoid derivative
d) Auxin	iv) Terpenes

- 1) a-iii, b-iv, c-i, d-ii
- 2) a-iii, b-i, c-ii, d-iv
- 3) a-i, b-ii, c-iii, d-iv
- 4) a-iii, b-i, c-iv, d-ii

Ans. 1

35. The respiratory mechanism controlled by medulla oblongata can be altered by

- 1) Both Pneumotaxic and Chemosensitive areas of pons and medulla oblongata
- 2) Corpus callosum of brain
- 3) Pneumotaxic center in the pons
- 4) Chemosensitive area in the medulla

Ans. 1

36. Which among the three layers of blood vessel wall-Tunica intima, Tunica media and Tunica Externa is comparatively thin in the veins?

- 1) Tunica externa
- 2) Both tunica media and tunica externa
- 3) Tunica media
- 4) Tunica intima

Ans. 3

37. In nephron, transport of substances like sodium chloride and urea is facilitated by the special arrangement called counter current mechanism that comprises of
- 1) Vasa Recta and collecting duct
 - 2) Ascending limb and collecting duct
 - 3) Henle's loop and Vasa Recta
 - 4) Henle's loop and glomerulus

Ans. 3

38. In the mechanism of muscle contraction or shortening of muscle, the _____ get reduced whereas the _____ retain the length.
- 1) Z line, I bands
 - 2) A bands, Z line
 - 3) A bands, I bands
 - 4) I bands, A bands

Ans. 4

39. Identify the correct sequence of action potential as it arrives at the axon terminal from the choices given below:
- 1) Axon terminal → Post-synaptic membrane → Synaptic cleft → Synaptic vesicles Post-synaptic neuron
 - 2) Axon terminal → Synaptic vesicles → Post-synaptic membrane → Synaptic cleft → Post-synaptic neuron
 - 3) Axon terminal → Synaptic vesicles → Synaptic cleft → Post-synaptic membrane → Post-synaptic neuron
 - 4) Axon terminal → Synaptic cleft → Synaptic vesicles → Post-synaptic neuron → Post-synaptic membrane

Ans. 3

40. Identify the statement/s given below that does not correspond to the functions of cortisol
- i) Maintains cardiovascular system and kidney functions
 - iii) Produces anti-inflammatory reactions
 - iii) Maintains electrolyte balance, osmosis and blood pressure
 - iv) Suppresses immune response
 - v) Stimulates RBC production
- 1) iii only
 - 2) iv only
 - 3) i and ii only
 - 4) iii and iv only

Ans. 1

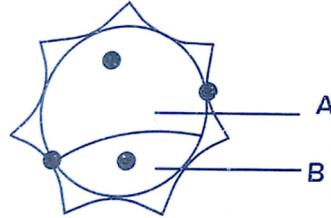
41. When pollen grains of a flower of plant pollinate the stigma flower of another plant, it is called
- 1) Dichogamy
 - 2) Geitonogamy
 - 3) Xenogamy
 - 4) Autogamy

Ans. 3

42. Fusion of a male gamete with the central cell in the embryo sac of an angiosperm is called
- 1) Syngamy
 - 2) Apomixis
 - 3) Double fertilization
 - 4) Triple fusion

Ans. 4

43. Which of these options is true in the context of the below diagram of pollen grain?



- 1) 'A' is a generative cell which gives rise to pollen tube and 'B' is a vegetative cell which forms male gametes
- 2) 'A' is a vegetative cell with abundant food reserve and 'B' is a generative cell which forms male gametes
- 3) 'A' is a generative cell which forms male gametes and 'B' is a vegetative cell which produces pollen tube
- 4) 'A' is a vegetative cell which gives rise to male gametes and 'B' is a generative cell which produces pollen tube

Ans. 2

44. Match the hormone with its site of production:

Hormone	Site of production
a) hCG and hPL	i) Ovary
b) Progesterone	ii) Placenta
c) Androgens	iii) Corpus luteum
d) Relaxin	iv) Leydig cells

- 1) a-iv, b-i, c-ii, d-iii
- 2) a-i, b-ii, c-iv, d-iii
- 3) a-ii, b-iii, c-iv, d-i
- 4) a-iii, b-i, c-iv, d-ii

Ans. 3

45. Choose the correct sequence of sperm transport during ejaculation
- 1) Seminiferous tubules → vasa efferentia → rete testis → epididymis → vas deferens → ejaculatory duct
 - 2) Seminiferous tubules → rete testis → epididymis → vas deferens → vasa efferentia → ejaculatory duct
 - 3) Seminiferous tubules → rete testis → vasa efferentia → epididymis → vas deferens → ejaculatory duct
 - 4) Seminiferous tubules → rete testis → epididymis → vasa efferentia → vas deferens → ejaculatory duct

Ans. 3

46. Select the mismatched pair:
- First month of pregnancy–Formation of heart
 - Second month of pregnancy–Movement of foetus
 - Third month of pregnancy- Formation of most of the major organ systems
 - Sixth month of pregnancy -Eye lids separate and eye lashes are formed
- 1) c 2) d 3) a 4) b

Ans. 4

47. Out of the following options, identify which one is NOT a natural method of contraception?
- Lactational amenorrhea
 - Periodic abstinence
 - Coitus interruptus
 - Implants

Ans. 4

48. In zygote intrafallopian tube transfer, the embryo upto ____stage is transferred into the fallopian tube
- 8 blastomeres
 - 32 blastomeres
 - 2blastomeres
 - 16 blastomeres

Ans. 1

49. Read the following statements:
- Statements -I** : MTP is to get rid off wanted pregnancies due to causal unprotected intercourse or failure of contraceptives used during coitus or rapes

Statements -II: MTPs are performed legally by qualified doctors by giving proper medical justification

Choose the correct answer from the options given below:

- Statements -I is correct but Statements -II is incorrect
- Statements -I is incorrect but Statements - II is correct
- Statements -I and II are correct
- Statements -I and II are incorrect

Ans. 2

50. How may types of gametes will be formed by a parent with genotype 'AaBbCc'?
- 8
 - 12
 - 6
 - 4

Ans. 1

51. When single gene exhibits multiple phenotypic expression, the phenomenon is called ____
- Pleiotropy
 - Co-dominance
 - Polygenic inheritance
 - Incomplete dominance

Ans. 1

52. A colourblind man marries a carrier woman. The percentage of their colourblind progeny in the next generation will be____
- 75%
 - 100%
 - 25%
 - 50%

Ans. 4

53. Identify which one of the given pair of options is correct with respect to Down's syndrome and Turner's syndrome

	Down's syndrome symptoms	Turner's syndrome symptoms
a)	Short -statured individual	Gynaecomastia in man
b)	Round head, partially open mouth	Overall masculine development
c)	Broad palm, physical and mental development retarded	Sterile females with rudimentary ovaries
d)	Additional copy of an X-chromosome	Absence of an X-chromosome

- 1) c 2) d 3) a 4) b

Ans. 1

54. RNA polymerase II is responsible for the transcription of ____

- hnRNA
- snRNA
- tRNA
- rRNA

Ans. 1

55. Which of the following enzymes increases the permeability of the bacterial cell to lactose?

- Transacetylase
- Amylase
- β -galactosidase
- Permease

Ans. 4

56. Which of the following statements are correct with reference to prokaryotic genome?
- Monocistronic structural genes
 - Introns absent in structural genes
 - Transcription and translation are coupled processes
 - Primary transcript undergoes splicing
 - Only one RNA polymerase is present
- Only a, d and e are correct
 - Only a, d and e are correct
 - Only a, b and d are correct
 - Only b, c and e are correct

Ans. 4

57. When a change in the gene frequency of population occurs by chance, it is called ____
- Genetic recombination
 - Genetic drift
 - Founder effect
 - Gene migration

Ans. 2

58. Darwin's finches represent one of the best examples of ____
- Chemical evolution
 - Genetic equilibrium
 - Seasonal migration
 - Adaptive radiation

Ans. 4

59. Choose the correct statement from the following:
- Charles Darwin travelled around the world in a ship called HMS Beagle
 - There has been gradual evolution of life forms
 - According to Darwin, fitness refers to physical fitness only
 - Fossils are remains of hard parts of life forms found in rocks
 - Hugo De Vries, a naturalist worked in Malay Archipelago.
- a, b and d are correct
 - a, c and d are correct
 - a, b and e are correct
 - a, c and e are correct

Ans. 1

60. In which of the following, HIV replicates and produces its progeny viruses?
- Killer T-lymphocytes
 - Suppressor T-lymphocytes
 - Helper T-lymphocytes
 - Memory T-lymphocytes




Ans. 3

NEET-2021 MMCRI, MYSORE  643 MARKS CHANDANA N	NEET-2024 RIMS - RAICHUR  642 MARKS MOHD AFFAN HUSSAIN	NEET-2024 SABVIMS - BENGALURU  642 MARKS K RAKESH REDDY	NEET-2021 SMC, CHENNAI  642 MARKS NARENDRA BABU T V	NEET-2024 CIMS - CHAMARAJANAGAR  641 MARKS SIDDESH C S	NEET-2023 BMC, BANGALORE  641 MARKS SUDEEP TANKASALI
NEET-2022 BMC, BANGALORE  641 MARKS PRAJWAL PATIL B R	NEET-2022 BMC, BANGALORE  641 MARKS FIZA ANJUM I T	NEET-2024 BMC - BANGALORE  640 MARKS SACHIN R BHAJANTRI	NEET-2024 BGS - BANGALORE  640 MARKS MOKSHITH N G	NEET-2024 CIMS - CHIKKABALLAPURA  640 MARKS ARYA PRASAD	NEET-2024 GIMS - GADAG  640 MARKS MOHAMMED SOHEB DOTEGAR
NEET-2024 VIMS - BELLARY  640 MARKS VINOD B	NEET-2023 MMCRI, MYSORE  640 MARKS SRUJAN S PATIL	NEET-2022 BMC, BANGALORE  640 MARKS CHINMAY SWAMY A M	NEET-2022 MMCRI, MYSORE  640 MARKS YASHAS T S	NEET-2024 SIMS - SHIMOGA  639 MARKS KOMAL GURAV	NEET-2022 KIMS, HUBLI  639 MARKS SOUMYA R BADAI
NEET-2024 CIMS - CHAMARAJANAGAR  638 MARKS LEKHASHREE N S	NEET-2024 GIMS - GADAG  638 MARKS SANGAMESH APPANNA MAGADUM	NEET-2022 MMCRI, MYSORE  638 MARKS NATARAJ K V	NEET-2024 RIMS - RAICHUR  637 MARKS BUSHRA Z K	NEET-2022 BMC, BANGALORE  637 MARKS TEJA A	NEET-2022 BMC, BANGALORE  637 MARKS AKASH S PATHRI
NEET-2024 GIMS - GADAG  636 MARKS AMRUT GURUSIDDAPPA TORALI	NEET-2024 GIMS - GADAG  636 MARKS ADITYA	NEET-2024 GIMS - GADAG  636 MARKS TILAK V TALIKOTI	NEET-2024 RIMS - RAICHUR  636 MARKS NARESH GOWDA D	NEET-2024 SDM - DHARWAD  636 MARKS YANA P METI	NEET-2024 VIMS - BELLARY  636 MARKS YASHASVI
NEET-2023 HIMS, HASSAN  636 MARKS DHANYASHREE P	NEET-2023 RIMS, RAICHUR  636 MARKS E SNEHA	NEET-2022 BMC, BANGALORE  636 MARKS SHASHANK S K	NEET-2021 BMC, BANGALORE  636 MARKS CHANDAN B S	NEET-2021 KIMS, HUBLI  636 MARKS DILEEP KUMAR PAGI	NEET-2024 GIMS - GADAG  635 MARKS ADARSH KAMAGOUDA
NEET-2024 KIMS - BANGALORE  635 MARKS RAKSHA H N	NEET-2023 MMCRI, MYSORE  635 MARKS PRABHURAJ MAHADEV M	NEET-2022 BMC, BANGALORE  635 MARKS AVINASH FAKERAPPA Y	NEET-2022 BMC, BANGALORE  635 MARKS RAKESH M	NEET-2022 MMCRI, MYSORE  635 MARKS SURAJ B N MALALI	NEET-2024 BMC - BANGALORE  633 MARKS BANUSREE S
NEET-2024 DR. BRAMC - BANGALORE  633 MARKS MOHAMMAD ZAID	NEET-2021 SABVIMS, BENGALURU  633 MARKS ARJUN P J	NEET-2024 CIMS - CHAMARAJANAGAR  632 MARKS DAYENDRA A PATEL	NEET-2024 GIMS - GADAG  632 MARKS DARSHAN R MURAGUNDI	NEET-2024 GIMS - GADAG  632 MARKS VIKASGOUDA KUSHAL GOUDA PATIL	NEET-2024 ESIMC - GULBARGA  632 MARKS VAJRA
NEET-2024 GMC - MAHABUBNAGAR  632 MARKS GUJJULA HARSHITHA	NEET-2024 NIMS - HYDERABAD  632 MARKS VYKUNTAM SAI SATHVIKA	NEET-2022 MMCRI, MYSORE  632 MARKS MALLIKARJUNA B V	NEET-2024 KIMS - UTTARA KANNADA  631 MARKS KUSHI B M	NEET-2024 CIMS - CHIKKABALLAPURA  631 MARKS ANUSHREE M	NEET-2023 KIMS, HUBLI  631 MARKS SHIVAKUMAR NEELAKANTH H
NEET-2022 KIMS, HUBLI  631 MARKS SHRISHAIL SANASANI	NEET-2022 KIMS, HUBLI  631 MARKS SUJEET M ATHANI	NEET-2021 SABVIMS, BENGALURU  631 MARKS CHARITHA P S	NEET-2021 CIMS, CHIKKAMAGALURU  630 MARKS AMITH	NEET-2021 GIMS, GADAG  630 MARKS G SHASHANK	NEET-2021 HIMS, HAVERI  630 MARKS NISARGA T
NEET-2021 KIMS, KOPPAL  630 MARKS AMOGH B KOVALLI	NEET-2022 JSSMC, MYSORE  630 MARKS SHIVADEEP S S	NEET-2022 MMCRI, MYSORE  630 MARKS PANKAJ BASANAGOUD P	NEET-2021 BMC, BENGALURU  630 MARKS ARCHANA SUBHASH K	AND MANY MORE...	




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 585 MARKS 600 DEEPAK ROOGI 20259142895	 585 MARKS 600 PRATAP SIMHA N S 20259228895	 585 MARKS 600 SPOORTHI 20259153027	 585 MARKS 600 SHREYA S HARANAL 20259153006	 585 MARKS 600 SUPRITA 20259153038	AND MANY MORE...

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