

Question Booklet No.

Question Booklet Series :

A

AUAT — 2024

B. Sc. Honours in Botany/Microbiology/Zoology (U14)
(TEST BASED ON MCQ)

Full Marks : 100

Duration : 2 Hours

Roll No. of the Candidate : _____

Date of Examination : _____

Name of Examination Centre : _____

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Verification

IMPORTANT INSTRUCTIONS

Candidates should read the below instructions carefully and follow them accordingly.

1. The Question Booklet has paper seal pasted on it. Please do **NOT** open the Question Booklet until you are asked to do so by the Invigilator.
2. The candidates must check immediately after breaking the seal that the Question Booklet contains **100 Multiple Choice Questions** in two parts (Part—I and Part—II).
3. Answer of questions of Part—I and Part—II both will have to be given on the **OMR Answer Sheet** provided for this purpose. Fill up the necessary fields that are intended for you by writing and/or shading appropriately. Otherwise the **OMR Answer Sheet cannot** be evaluated and will liable to be rejected. Question numbers progress from **1** to **100** continuously with alternative answers being shown as [A], [B], [C] and [D] for each question. Record your response by completely darkening the corresponding bubble. While responding, you should consider the best alternative answer and shade only one bubble with **black/blue ball point pen only**. For each correct response you will be awarded **1** mark. There will be negative marking for wrong responses. For each wrong response, **-0.25** mark will be awarded. Multiple responses against one **MCQ** will be treated as a wrong response.
4. On leaving the examination hall, candidates must submit the **OMR Answer Sheet**. They are allowed to keep the Question Booklet with them.
5. **OMR Answer Sheet** will be processed by electronic means. Any untoward/irrelevant remarks, folding or putting stray notes on the answer sheet, any damage to the answer sheet will lead to the rejection of the same and the sole liability shall remain with the candidate.
6. Rough Work may be done at the end of the Question Booklet.
7. No candidate will be allowed to leave the examination hall before completion of the examination.
8. Use of any Electronic device like Mobile, Programmable Calculator etc. is strictly prohibited.

DO NOT OPEN THE SEAL UNTIL INSTRUCTED TO DO SO

PART—I
(Core Subject)

1. In F_2 generation of dihybrid cross, what is the proportion of double homozygous dominant plants?

ডাইহাইব্রিড ক্রসের F_2 প্রজন্মে দ্বিগুণ সমজাতীয় প্রকট উদ্ভিদের অনুপাত কত?

- [A] $1/16$
[B] $2/16$
[C] $4/16$
[D] $8/16$

2. Wheat (*Triticum aestivum*) is an example of

গম (*Triticum aestivum*) এর উদাহরণ হল

- [A] autopolyploidy
[B] allopolyploidy
[C] aneuploidy
[D] hypoploidy

3. A man with 'O' blood group and colour blindness married a normal woman with 'AB' blood group who has colour-blind mother. The probability of a normal female child with 'O' blood group is

'O' রক্তের গ্রুপ এবং বর্ণান্ধতার একজন ব্যক্তি 'AB' রক্তের গ্রুপের একজন সাধারণ মহিলাকে বিয়ে করেছেন যার মা বর্ণান্ধ। স্বাভাবিক মেয়ে শিশুর 'O' রক্তের গ্রুপের সম্ভাবনা

- [A] 100%
[B] 50%
[C] 25%
[D] 0%

4. Gymnosperms possess

ব্যক্তবীজী উদ্ভিদ ধারণ করে

- [A] many types of pollinating agents
[B] naked ovules
[C] ovary
[D] nodular roots

5. Genetic code is all **except**

নিচের কোনটি জেনেটিক কোড-এর বৈশিষ্ট্য নয়?

- [A] triplet code
[B] non-overlapping
[C] ambiguous
[D] commaless

6. Sweet potato is a modified

মিষ্টি আলু একটি পরিবর্তিত

- [A] stem
[B] adventitious root
[C] taproot
[D] rhizome

7. A mixture containing DNA fragments A, B, C and D are subjected to electrophoresis. The positions of fragments from the anode to cathode would be _____ if $A + B = C$, $A > B$, $D > C$.

A, B, C এবং D চারটি DNA মিশ্রণ-এর ইলেক্ট্রোফোরেসিস করা হলে, যদি $A + B = C$, $A > B$, $D > C$ হয়, তাহলে অ্যানোড থেকে ক্যাথোড পর্যন্ত খণ্ডগুলোর অবস্থান হবে

- [A] A, B, C, D
[B] C, D, A, B
[C] B, A, C, D
[D] D, C, B, A

8. The **correct** order of steps in DNA fingerprinting technique is

DNA ফিঙ্গারপ্রিন্টিং কৌশলে ধাপের সঠিক ক্রম হল

- [A] restriction digestion → electrophoresis → blotting → hybridization → autoradiography
- [B] restriction digestion → electrophoresis → hybridization → blotting → autoradiography
- [C] electrophoresis → restriction digestion → blotting → autoradiography → hybridization
- [D] blotting → restriction digestion → electrophoresis → hybridization → autoradiography

9. What is the aestivation in corolla with one standard petal, wing petals and keel petals?

কোন পুষ্পপত্র বিন্যাসে দলমণ্ডল ধ্বজা, পক্ষ এবং নৌকা দলান্ধ নিয়ে গঠিত?

- [A] Velvate aestivation
- [B] Twisted aestivation
- [C] Imbricate aestivation
- [D] Vexillary aestivation

10. Presence of phloem only toward outer side of xylem is the feature of which type of vascular bundle?

শুধুমাত্র জাইলেমের বাইরের দিকে ফ্লোয়েমের উপস্থিতি কোন ধরনের সংবহন কলার বৈশিষ্ট্য?

- [A] Radial
- [B] Conjoint
- [C] Collateral
- [D] Bicollateral

11. Auxin and cytokinins show opposite effect for

অক্সিন এবং সাইটোকিনিন এর বিপরীত প্রভাব দেখায়

- [A] flowering
- [B] cell division
- [C] senescence
- [D] apical dominance

12. Which of the following pairs are modification of same structure?

নিচের কোনটি উদ্ভিদের একই অংশের রূপান্তর?

- [A] Spine of cactus and thorn of citrus
- [B] Thorn of bougainvillea and tendrils of cucumber
- [C] Phylloclade of euphorbia and phyllode of Australian acacia
- [D] Tendrils of pea and tendrils of watermelon

13. Which is **not** associated with phloem in angiosperms?

সপুষ্পক উদ্ভিদের ফ্লোয়েমের সাথে কোনটি যুক্ত নয়?

- [A] Tyloses
- [B] Companion cells
- [C] Sieve tubes
- [D] Fibers

14. Placentation in which ovules develop along the ventral suture of monocarpellary ovary is

অমরা বিন্যাসে যখন ডিম্বকগুলি গর্ভাশয়ের অক্ষীয় সন্ধি বরাবর সজ্জিত থাকে তাকে বলে

- [A] parietal placentation
- [B] free central placentation
- [C] basal placentation
- [D] marginal placentation

15. Which type of linkage/bond is formed when two nucleotides are linked to form a dinucleotide ?

একটি ডাইনিউক্লিওটাইড গঠনের জন্য দুটি নিউক্লিওটাইড যুক্ত হলে কোন্ ধরনের সংযোগ/বন্ধন গঠিত হয়?

- [A] N-glycoside linkage
- [B] Peptide bond
- [C] Phosphodiester linkage
- [D] Hydrogen bond

16. Besides vasa recta, the U-shaped part of nephron plays a very significant role in production of concentrated urine in case of mammals. Identify and choose the **correct** option from the following :

ভাসা রেকটা ছাড়াও, নেফ্রনের U-আকৃতির কোন্ অংশ স্তন্যপায়ী প্রাণীর ক্ষেত্রে ঘনীভূত প্রস্রাব উৎপাদনে অত্যন্ত গুরুত্বপূর্ণ ভূমিকা পালন করে?

- [A] PCT
- [B] DCT
- [C] CD
- [D] Loop of Henle

17. In double stranded DNA, which bond is **not** found?

কোন দ্বিতন্ত্রী DNA-তে বন্ধন পাওয়া যায় না?

- [A] Hydrogen bond
- [B] Acyle bond
- [C] Phosphodiester bond
- [D] Glycosidic bond

18. Heredity or inheritance of specific traits became clearer due to which of the following causes?

বংশগতি বা নির্দিষ্ট বৈশিষ্ট্যের উত্তরাধিকার কি কারণে স্পষ্ট হয়ে ওঠে?

- [A] Lamarck's theory
- [B] Darwinism
- [C] Neo-Darwinism
- [D] Mendel's theory

19. Two or more species looking similar are

কোন দুই বা ততোধিক প্রজাতি দেখতে একই রকম?

- [A] sympatric species
- [B] sibling species
- [C] subspecies
- [D] allopatric species

20. Discharge of phosphates of detergents drained into tanks result in

ট্যাঙ্কে নিষ্কাশন করা ডিটারজেন্টের ফসফেট নিষ্কাশনের ফলে

- [A] depletion of algae
- [B] total destruction of algae
- [C] luxuriant growth of algae
- [D] increase in acidity of water

21. Which of the following is an indicator of air pollution?

নিচের কোনটি বায়ু দূষণের সূচক?

- [A] Lichens
- [B] Algae
- [C] *Cycas*
- [D] Bryophytes

22. 'Kyoto Protocol', an agreement signed by various countries, is associated with

বিভিন্ন দেশের স্বাক্ষরিত একটি চুক্তি 'কিয়োটো প্রটোকল' নিচের কোনটির সাথে যুক্ত?

- [A] international trade
- [B] deep sea oil and mineral exploration
- [C] clean environment and climate change
- [D] building common food stock to save human beings from any natural disaster

23. An anticodon would be found on which of the following types of RNA?

নিচের কোন্ ধরনের RNA-এর উপর একটি অ্যান্টিকোডন পাওয়া যাবে?

- [A] snRNA
- [B] mRNA
- [C] tRNA
- [D] rRNA

24. Which colour of light gives maximum absorption peaks by chlorophyll-a?

আলোর কোন্ রঙ ক্লোরোফিল-*a* দ্বারা সর্বাধিক শোষণ দেখায়?

- [A] Blue light
- [B] Red light
- [C] Green light
- [D] Violet light

25. A human being with a chromosome number of 47 in each somatic cell has which of the following conditions?

প্রতিটি দেহ-কোষে 47টি ক্রোমোজোম সংখ্যাবিশিষ্ট একজন মানুষের নিম্নলিখিত অবস্থার মধ্যে কোনটি রয়েছে?

- [A] Trisomy
- [B] Monosomy
- [C] Tetrasomy
- [D] Chromosomal deletion

26. How many different types of genetically different gametes will be produced by a heterozygous plant having the genotype AABbCc?

জেনোটাইপ AABbCc সম্বলিত একটি ভিন্নধর্মী উদ্ভিদ দ্বারা কত প্রকারের জিনগতভাবে ভিন্ন গ্যামেট উৎপন্ন হবে?

- [A] Six
- [B] Nine
- [C] Two
- [D] Four

27. Which of the following is **not** a product of light reaction of photosynthesis?

নিচের কোনটি সালোকসংশ্লেষণের আলোক বিক্রিয়ায় তৈরি হয় না?

- [A] ATP
- [B] NADH
- [C] NADPH
- [D] O₂

28. Winged pollen grains are present in

ডানায়ুক্ত পরাগ রেণু দেখা যায়

- [A] mustard
- [B] *Cycas*
- [C] mango
- [D] *Pinus*

29. All of the following are part of an operon **except**

নিচের কোনটি ওপেরনের অংশ নয়?

- [A] an operator
- [B] structural genes
- [C] an enhancer
- [D] a promoter

30. The **correct** order of steps in Polymerase Chain Reaction (PCR) is

পলিমারেজ চেইন রিঅ্যাকশন (PCR) এর ধাপগুলোর সঠিক ক্রম হল

- [A] extension, denaturation, annealing
- [B] annealing, extension, denaturation
- [C] denaturation, extension, annealing
- [D] denaturation, annealing, extension

31. The similarity of bone structure in the forelimbs of many vertebrates is an example of

মেরুদণ্ডী প্রাণীদের অগ্রপদ হাড়ের গঠনের সাদৃশ্যকে বলে

- [A] homology
- [B] analogy
- [C] convergent evolution
- [D] adaptive radiation

32. Ecological niche is

বাস্তুতাত্ত্বিক নিশ (niche) হল

- [A] all the biological factors in the organism's environment
- [B] the physical space where an organism lives
- [C] the range of temperature that the organism needs to live
- [D] the functional role played by the organism where it lives

33. Pneumatophores occur in

শ্বাসমূল পাওয়া যায়

- [A] halophytes
- [B] free-floating hydrophytes
- [C] carnivorous plants
- [D] submerged hydrophytes

34. Tobacco Mosaic Virus (TMV) possess

TMV তে থাকে

- [A] single stranded RNA
- [B] double stranded DNA
- [C] proteinaceous
- [D] double stranded RNA

35. Edible part in mango is

আমের ভোজ্য অংশ হল

- [A] mesocarp
- [B] epicarp
- [C] endocarp
- [D] epidermis

36. Darwin's finches are an example of

নিচের কোনটি ডারউইনের ফিঞ্চস সম্পর্কিত?

- [A] adaptive radiation
- [B] restricted distribution
- [C] convergent evolution
- [D] discontinuous distribution of closely related species

37. Order is placed between

‘বর্গ’ কাদের মধ্যে পড়ে?

- [A] family and genus
- [B] class and family
- [C] phylum and class
- [D] genus and species

38. Seed formation without fertilization in flowering plants involves the process of

সপুষ্পক উদ্ভিদে নিষিক্তকরণ ছাড়াই বীজ গঠনের প্রক্রিয়া হল

- [A] somatic hybridization
- [B] apomixis
- [C] sporulation
- [D] budding

39. In bryophytes and pteridophytes, transport of male gametes requires
ব্রায়োফাইট এবং টেরিডোফাইটে, পুরুষ গ্যামেট
পরিবহনে প্রয়োজন হয়

- [A] birds
- [B] water
- [C] wind
- [D] insects

40. A nucleotide formed of

একটি নিউক্লিওটাইড যা দ্বারা গঠিত হয়

- [A] purine, pyrimidine, phosphate
- [B] purine, sugar, phosphate
- [C] nitrogen base, sugar, phosphate
- [D] pyrimidine, sugar, phosphate

41. RuBisCo is an enzyme for

RuBisCo উৎসেচকটির প্রয়োজন হল

- [A] CO₂ fixation in dark reaction
- [B] photorespiration
- [C] regeneration of RuBP
- [D] photolysis of water

42. Phytochrome is responsible for

ফাইটোক্রোম যে কাজে প্রয়োজন

- [A] photosynthesis
- [B] flowering
- [C] fruit formation
- [D] respiration

43. Oxyntic cells secrete

অক্সিনটিক কোষ নিঃসৃত করে

- [A] HCl
- [B] NaOH
- [C] pepsin
- [D] trypsin

44. In mammals, milk is digested by the action of

স্তন্যপায়ী প্রাণীদের দুধ হজমে সাহায্য করে

- [A] rennin
- [B] amylase
- [C] intestinal bacteria
- [D] invertase

45. Kwashiorkor disease occurs due to the deficiency of

কীসের অভাবে কোয়াশিওরকর রোগ হয়?

- [A] protein
- [B] fat
- [C] sugar
- [D] hormone

46. Which of the following is absent from smooth muscle?

নিচের কোনটি মসৃণ পেশী থেকে অনুপস্থিত?

- [A] Myosin
- [B] Calcium
- [C] Actin
- [D] Troponin

47. Acid rain is caused by increase in atmospheric concentration of

বায়ুমণ্ডলে কীসের ঘনত্ব বৃদ্ধির কারণে অ্যাসিড বৃষ্টি হয়?

[A] CO_2 and CO

[B] O_3 and dust

[C] SO_2 and NO_2

[D] SO_3 and NO

48. Competition of species leads to

প্রজাতির প্রতিযোগিতার ফল হল

[A] extinction

[B] mutation

[C] ammensalism

[D] symbiosis

49. Consumption of which of the following foods can prevent the kind of blindness associated with Vitamin A deficiency?

নিচের কোন্ খাবার খেলে ‘ভিটামিন A’-এর অভাবে হওয়া অন্ধত্ব প্রতিরোধ করা যায়?

[A] ‘FlavrSavr’ tomato

[B] Canolla

[C] Bt-Brinjal

[D] Golden rice

50. Filariasis is caused by

ফাইলেরিয়াসিস-এর জন্য দায়ী

[A] *Taenia solium*

[B] *Ascaris lumbricoides*

[C] *Entamoeba histolytica*

[D] *Wuchereria bancrofti*

51. Opium is obtained from which of the following?

নিচের কোনটি থেকে আফিম পাওয়া যায়?

[A] *Azadirachta indica*

[B] *Aconitum heterophyllum*

[C] *Papaver somniferum*

[D] *Cinchona officinalis*

52. The method of selection applicable to self-pollinated crops is

স্ব-পরাগায়িত ফসলের জন্য প্রযোজ্য নির্বাচন পদ্ধতি হল

[A] mass selection

[B] pure-line selection

[C] mixed selection

[D] development of hybrid varieties

53. IR-8 is a variety of

IR-8 নিচের কোনটির সাথে সম্পর্কিত?

[A] maize

[B] rice

[C] mustard

[D] jute

54. A man with blood group ‘A’ marries a woman with blood ‘B’. What are all the possible blood groups of their offsprings?

রক্তের গ্রুপ ‘A’ একজন পুরুষ, ‘B’ রক্তের গ্রুপের মহিলাকে বিয়ে করেন। তাদের সন্তানদের সম্ভাব্য রক্তের গ্রুপ কী কী?

[A] A, B and AB only

[B] O only

[C] A and B only

[D] A, B, AB and O

55. In Hardy-Weinberg equation, the frequency of heterozygous individual is represented by

হার্ডি-ওয়েনবার্গ সমীকরণে হেটেরোজাইগাস ব্যক্তির পুনরাবৃত্তি প্রদর্শিত হয়

- [A] p^2
- [B] q^2
- [C] $2pq$
- [D] pq

56. The evolutionary theory proposed by Charles Darwin is based on the concept of

চার্লস ডারউইনের প্রস্তাবিত বিবর্তনীয় তত্ত্ব কোন্ ধারণার উপর ভিত্তি করে?

- [A] inheritance of acquired traits
- [B] natural selection
- [C] genetic drift
- [D] mutation

57. Which of the following is an example of *ex-situ* conservation method?

নিচের কোনটি 'এক্স-সিটু' সংরক্ষণ পদ্ধতির উদাহরণ?

- [A] Wildlife Sanctuary
- [B] National Park
- [C] Cryopreservation
- [D] Biosphere Reserve

58. What is the smallest part of the DNA molecule that can be changed by a point mutation?

একটি DNA অণুর ক্ষুদ্রতম অংশ কী যা একটি পয়েন্ট মিউটেশন দ্বারা পরিবর্তন করা যেতে পারে?

- [A] Oligonucleotide
- [B] Codon
- [C] Gene
- [D] Nucleotide

59. End product of glycolysis is

গ্লাইকোলাইসিসের অন্তিম পর্যায়ে যা তৈরি হয়

- [A] oxaloacetic acid
- [B] pyruvic acid
- [C] succinic acid
- [D] succinyl coenzyme

60. When you see a green, leafy moss, you are looking at the

একটি সবুজ পাতায়ুক্ত মস হল

- [A] spore producing structure
- [B] sporophyte generation
- [C] gametophyte generation
- [D] structure where meiosis occurs

61. Which character is common between angiosperms and gymnosperms?

ব্যক্তবীজী এবং গুপ্তবীজীদের মধ্যে কোন্ বৈশিষ্ট্যটি সাদৃশ্যমূলক?

- [A] Presence of vessel
- [B] Presence of ovules
- [C] Nature of endosperm
- [D] Mode of fertilization

62. Which meristem helps in increasing girth?

কোন্ ভাজক কলা পরিধি বৃদ্ধিতে সাহায্য করে?

- [A] Lateral meristem
- [B] Intercalary meristem
- [C] Primary meristem
- [D] Apical meristem

63. Pith and cortex **cannot** be differentiated in

পিথ এবং কর্টেক্সের মধ্যে পার্থক্য করা যায় না নিচের কোনটির মধ্যে?

[A] monocot stem

[B] dicot stem

[C] monocot root

[D] dicot root

64. Where do the casparian bands occur?

ক্যাস্পারিয়ান ব্যান্ডগুলি কোথায় থাকে?

[A] Epidermis

[B] Endodermis

[C] Pericycle

[D] Phloem

65. Choose the **correct** sequence of water movement in plants :

উদ্ভিদের জল পরিবহনের সঠিক ক্রম নির্বাচন কর :

[A] Cortex, protoxylem, endodermis, root hair, pericycle, metaxylem

[B] Root hair, cortex, endodermis, pericycle, protoxylem, metaxylem

[C] Root hair, protoxylem, metaxylem, pericycle, cortex, endodermis

[D] Root hair, pericycle, endodermis, cortex, protoxylem, metaxylem

66. Calcium is a component of

ক্যালসিয়াম কীসের উপাদান?

[A] middle lamella

[B] primary walls

[C] secondary walls

[D] chlorophyll

67. Most of the plants obtain nitrogen from the soil in the form of

অধিকাংশ উদ্ভিদ মাটি থেকে যে আকারে নাইট্রোজেন গ্রহণ করে তা হল

[A] free nitrogen gas

[B] nitric acid

[C] nitrites

[D] nitrates

68. The carbohydrates synthesized in the leaves are transported through sieve tubes most commonly in the form of

পাতায় সংশ্লেষিত কার্বোহাইড্রেটগুলি যে আকারে সাধারণত সিভনলের মাধ্যমে পরিবাহিত হয় তা হল

[A] glucose

[B] triose sugar

[C] sucrose

[D] soluble starch

69. The ascent of sap takes place in

রসের উৎস্রোত ঘটে কোনটির মধ্যে?

[A] xylem parenchyma

[B] walls of tracheary elements

[C] tracheids with associated xylem parenchyma

[D] lumen of tracheary elements

70. Stomata open and close due to

পত্ররন্ধ্র খোলা ও বন্ধ হওয়ার কারণ হল

[A] turgor pressure of guard cells

[B] root pressure

[C] positive pressure

[D] imbibitional pressure

PART—II

(Islamic History and Culture, General English & General Knowledge)

71. The third Caliph was
তৃতীয় খলিফার নাম
[A] Bilal ibn Rabah
[B] Khalid ibn Walid
[C] Uthman Ibn Affan
[D] Zayd ibn Harithah
72. Insha' allah means
ইনশাআল্লাহ কথার অর্থ
[A] Glory be to Allah
[B] If Allah wills
[C] Praise be to Allah
[D] As per Allah's wills
73. According to Islam, after death
ইসলাম অনুসারে মৃত্যুর পরে
[A] human beings will be resurrected
[B] reward or punishment will be given
[C] Both of the above
[D] nothing happens
74. Sayings of Prophet Muhammad (PBUH) are called
নবী মুহাম্মদ (সাঃ)এর বাণীসমূহকে বলা হয়
[A] Nasihat
[B] Sifat
[C] Akhlaq
[D] Hadith
75. The Holy Qur'an has _____ chapters.
পবিত্র 'কুরআনে' _____টি অধ্যায় আছে।
[A] 30
[B] 99
[C] 114
[D] 786
76. The shape of Kaaba inside Masjid al-Haram is like a
মসজিদুল হারামের অভ্যন্তরে কাবার আকৃতি হল
[A] cube
[B] sphere
[C] cylinder
[D] cone
77. Prophet Muhammad (PBUH) was a
নবী মুহাম্মদ (সাঃ) ছিলেন
[A] translator
[B] merchant
[C] peasant
[D] mason
78. Who of the following prophets was born miraculously?
নিম্নে উল্লেখিত নবীদের মধ্যে কার জন্ম অলৌকিকভাবে হয়েছিল?
[A] Moses
[B] Jesus
[C] Yaqub
[D] Yusuf
79. At the beginning of any task, Muslims say
কোনো কাজের শুরুতে মুসলিমরা বলে
[A] bismillah
[B] inshaallah
[C] mashaallah
[D] subhanllah
80. The city of Madina was known in the past as
অতীতে মদিনা শহর যে নামে পরিচিত ছিল, তা হল
[A] Taif
[B] Tabuk
[C] Yathrib
[D] Dammam

81. What did Allah (SWT) command the angels to do to Adam (AS)?

আল্লাহ (সুবহানাছ ওয়া তায়ালা) আদম (আঃ) এর প্রতি ফেরেশতাদের কী আদেশ করেছিলেন?

- [A] Test his patience
- [B] Prostate
- [C] Degrade
- [D] Bring him food

82. Where did Adam (AS) and Hawwa reside before coming to earth?

পৃথিবীতে আসার আগে আদম (আঃ) ও হাওয়া কোথায় থাকতেন?

- [A] Sahara
- [B] Jahannam
- [C] Madinah
- [D] Jannah

83. As a young boy Prophet Muhammad (SAW) used to work as a _____

ছোট বালক বয়সে নবী মুহাম্মদ (সাঃ) কোন্ কাজ করতেন?

- [A] Merchant
- [B] Scientist
- [C] Trader
- [D] Shepherd

84. What is the relation of Aisha (RA) with Prophet Muhammad (SAW)?

হযরত মুহাম্মদ (সাঃ) এর সাথে আয়েশা (রাঃ) এর কী সম্পর্কে ছিল?

- [A] Siblings
- [B] Husband and wife
- [C] Father and daughter
- [D] None of the above

85. What is the meal to break the fast called?

রোজা ভাঙার খাবারকে কী বলে?

- [A] Suhoor
- [B] Sadaqah
- [C] Tarawih
- [D] Iftar

86. During Ramadan, Muslims refrain from which of the following?

রমজান মাসে মুসলমানরা নিচের কোনটি থেকে বিরত থাকে?

- [A] Sleeping
- [B] Speaking
- [C] Eating and drinking
- [D] Working out

87. What is the meaning of 'Allahu Akbar' in English?

ইংরেজিতে 'আল্লাহ্ আকবর' এর অর্থ কী?

- [A] Allah is the most praiseworthy
- [B] Allah is the most merciful
- [C] Allah is the greatest
- [D] None of the above

88. What do we say when we hear the name of Prophet Muhammad?

নবী মুহাম্মদের নাম শুনলে আমরা কী বলি?

- [A] Salallahu Alayhi Wasallam
- [B] Sadaqallahul Azim
- [C] Radi Allah Anhu
- [D] None of the above

89. What is the meaning of the term Dua in Arabic?

আরবীতে দুআ শব্দের অর্থ কী?

- [A] Supplication
- [B] Charity
- [C] Prayer
- [D] Fasting

90. How many times does the term 'Allahu Akbar' appear in the call to prayer (Adhan)?

আযানে কতবার 'আল্লাহ্ আকবর' শব্দটি এসেছে?

- [A] 2
- [B] 4
- [C] 5
- [D] 6

91. Identify the **correct** alternative :

- [A] Misanthropist — one who hates or distrusts mankind
- [B] Misogynist — one who hates men
- [C] Atheist — one who believes in the existence of God
- [D] Philanthropist — one who writes life story of another person

92. Fill in the blanks with the correct alternatives.

She dealt with the problem of her client so _____, that even the judge was _____.

- [A] agreeably, satisfied
- [B] inspiringly, appreciating
- [C] diligently, happy
- [D] dexterously, impressed

93. Fill in the blank with the appropriate collective noun.

A _____ of arrows.

- [A] quiver
- [B] fleet
- [C] swarm
- [D] cluster

94. Select the **correct** sentence from the given alternatives :

- [A] The convict was hung this morning.
- [B] These houses are for the poor to live.
- [C] Neither of the books were interesting.
- [D] What is the time by your watch?

95. A collection of poems or other pieces of writing is called

- [A] analogy
- [B] anthology
- [C] philology
- [D] cryptology

96. LED stands for what?

LED মানে কী?

- [A] Light Emitting Device
- [B] Low Emitting Diode
- [C] Light Electronic Diode
- [D] Light Emitting Diode

97. Computer is connected to Internet by which device?

কম্পিউটার কোন্ যন্ত্রের মাধ্যমে ইন্টারনেটের সাথে সংযুক্ত হয়?

- [A] Modem
- [B] Mouse
- [C] CPU
- [D] RAM

98. Which is the smallest planet in our solar system?

আমাদের সৌরজগতের সবচেয়ে ছোট গ্রহ কোনটি?

- [A] Earth
- [B] Mars
- [C] Mercury
- [D] Saturn

99. The first British Viceroy of India was

ভারতের প্রথম ব্রিটিশ ভাইসরয় ছিলেন

- [A] Lord Curzon
- [B] Lord Irwin
- [C] Lord Canning
- [D] Lord Tom

100. Which of the following is **not** a feature of the Indian Constitution?

নিচের কোনটি ভারতীয় সংবিধানের বৈশিষ্ট্য নয়?

- [A] Parliamentary form of the Government
- [B] Independence of Judiciary
- [C] Presidential form of Government
- [D] Federal Government

SPACE FOR ROUGH WORK

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