

ಈ ಪುಸ್ತಕವನ್ನು ತೆರೆಯುವಂತೆ ನಿಮಗೆ ತಿಳಿಸುವವರೆಗೂ ಇದನ್ನು ತೆರೆಯಕೂಡದು

ಪ್ರಶ್ನೆ ಪುಸ್ತಿಕೆಯ ಸಂಖ್ಯೆ

8706816

2023



ಪ್ರಶ್ನೆಪತ್ರಿಕೆ ಶ್ರೇಣಿ

ಪ್ರಶ್ನೆ ಪುಸ್ತಿಕೆ

ಸಾಮಾನ್ಯ ಪತ್ರಿಕೆ (ಪತ್ರಿಕೆ-1)

L

ಗರಿಷ್ಠ ಸಮಯ : 1½ ಗಂಟೆಗಳು

ವಿಷಯ ಸಂಕೇತ : 532

ಗರಿಷ್ಠ ಅಂಕಗಳು : 300

ಸೂಚನೆಗಳು

- ಮಾಣಿಕ್ಯ ಪ್ರಾರಂಭವಾದ ಕೂಡಲೇ ನಿಮ್ಮ ಪ್ರಶ್ನೆಪತ್ರಿಕೆಯಲ್ಲಿ ಮುದ್ರಿತವಾಗಿರುವ ಅಥವಾ ಹಂದಿರುವ ಅಥವಾ ಬಿಟ್ಟು ಹೋಗಿರುವ ಪುಟಗಳು ಅಥವಾ ಪ್ರಶ್ನೆಗಳು ಇತ್ಯಾದಿಗಳು ಕಂಡು ಬಂದಲ್ಲಿ ನಿಮ್ಮ ಒ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ಮುದ್ರಿತವಾಗಿರುವ ಅದೇ ಶ್ರೇಣಿಯ ಮಾರ್ಗ ಪ್ರಶ್ನೆಪತ್ರಿಕೆಯೊಂದಿಗೆ ಬದಲಾಯಿಸಿಕೊಳ್ಳತಕ್ಕದ್ದು. ಒಂದು ವೇಳೆ ಉತ್ತರ ಹಾಳೆಯು ಪ್ರಶ್ನೆಪತ್ರಿಕೆಯಲ್ಲಿನ ಪುಟಗಳನ್ನು ಸರಿಯಾಗಿ ಪರಿಶೀಲಿಸದೇ ದೋಷಪೂರಿತ ಪ್ರಶ್ನೆಪತ್ರಿಕೆಯನ್ನೇ ಉಪಯೋಗಿಸಿದಲ್ಲಿ ಇದಕ್ಕೆ ಅರ್ಜಿಯೇ ಹೋಣೆಗಾರರಾಗಿರುತ್ತಾರೆ.
- OMR ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ಮತ್ತು ಪ್ರವೇಶ ಪತ್ರದಲ್ಲಿ ನೀಡಿರುವ ಸೂಚನೆಗಳನ್ನು ಓದಿಕೊಳ್ಳತಕ್ಕದ್ದು.
- ಅರ್ಜಿದಾರರು ಪ್ರಶ್ನೆಪತ್ರಿಕೆಯ ಶ್ರೇಣಿಯನ್ನು ತಮ್ಮ ಒ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ಮುದ್ರಿತವಾಗಿರುವ ಅದೇ ಪ್ರಶ್ನೆಪತ್ರಿಕೆಯ ಶ್ರೇಣಿ ಎಂಬುದನ್ನು ವಿಚಾರಮಾಡಿಕೊಳ್ಳಬೇಕು. ವ್ಯತ್ಯಾಸಗಳು ಕಂಡುಬಂದಲ್ಲಿ ಸಂವಿಧಾನದ ಗಮನಕ್ಕೆ ತರುವುದು ಮತ್ತು ತಮ್ಮ ಒ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ಮುದ್ರಿತವಾಗಿರುವ ಶ್ರೇಣಿಯ ಪತ್ರಿಕೆಯನ್ನೇ ಪಡೆಯತಕ್ಕದು.
- ಎಲ್ಲಾ ಪ್ರಶ್ನೆಗಳೂ ಸಮಾನ ಅಂಕಗಳು ಇರುತ್ತವೆ.
- ಪಕ್ಷದಲ್ಲಿ ಒದಗಿಸಿರುವ ಪ್ರಶ್ನೆಪತ್ರಿಕೆಯ ಪಾಕೆಟ್‌ನಲ್ಲಿ ನಿಮ್ಮ ನೋಂದಣಿ ಸಂಖ್ಯೆಯನ್ನು ನಮೂದಿಸಬೇಕು. ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯಲ್ಲಿ ದೇರೆ ಏನನ್ನೂ ಬರೆಯಬಾರದು.
- ಈ ಪ್ರಶ್ನೆಪತ್ರಿಕೆಯು 100 ಪ್ರಶ್ನೆಗಳನ್ನು ಒಳಗೊಂಡಿರುತ್ತದೆ. ಪ್ರತಿಯೊಂದು ಪ್ರಶ್ನೆಯು 4 ಆಯ್ಕೆಗಳನ್ನು ಒಳಗೊಂಡಿರುತ್ತದೆ. ನೀವು ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ಗುರುತು ಮಾಡಬೇಕೆನಿಸುವ ಉತ್ತರವನ್ನು ಆಯ್ಕೆ ಮಾಡಿಕೊಳ್ಳಿ. ಒಂದು ವೇಳೆ ಅಲ್ಲಿ ಒಂದಕ್ಕಿಂತ ಹೆಚ್ಚು ಸಂಖ್ಯೆಯ ಉತ್ತರಗಳನ್ನು ನೀವು ಘೋಷಿಸಿದರೆ ನಿಮಗೆ ಅನುಕ್ರಮವೆನಿಸುವ ಉತ್ತರಕ್ಕೆ ಗುರುತು ಮಾಡಿ. ಏನೇ ಆದರೂ ಪ್ರತಿ ಪ್ರಶ್ನೆಗೆ ನೀವು ಕೇವಲ ಒಂದು ಉತ್ತರವನ್ನು ಮಾತ್ರ ಆಯ್ಕೆ ಮಾಡಬೇಕು.
- ಪ್ರಶ್ನೆಗಳು ಕನ್ನಡ ಮತ್ತು ಆಂಗ್ಲ ಎರಡೂ ಭಾಷೆಗಳಲ್ಲಿರುತ್ತವೆ. ಕನ್ನಡ ಭಾಷೆಯಲ್ಲಿರುವ ಯಾವುದೇ ಪ್ರಶ್ನೆಗಳ ಭಾಷಾಂತರದಲ್ಲಿ ಏನಾದರೂ ಗೊಂದಲವಾದಲ್ಲಿ ಅರ್ಜಿದಾರರು ಆಂಗ್ಲ ಭಾಷೆಯ ಪ್ರಶ್ನೆಗಳನ್ನು ಸಹ ನೋಡಿಕೊಂಡು, ಪ್ರಶ್ನೆಯನ್ನು ಅರ್ಥೈಸಿಕೊಳ್ಳತಕ್ಕದ್ದು.
- ಎಲ್ಲಾ ಉತ್ತರಗಳನ್ನು ನಿಮಗೆ ಒದಗಿಸಲಾಗಿರುವ ಪ್ರಶ್ನೆ ಒ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯ ಮೇಲೆ ಕೇವಲ ಕಪ್ಪು ಬಾಲ್ ಪಾಯಿಂಟ್ ಪೆನ್‌ನಲ್ಲಿ (ball point pen) ಮಾತ್ರ ಗುರುತು ಮಾಡಬೇಕು.
- ಅರ್ಜಿದಾರರು ತಮ್ಮ personalized ಒ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ಮುದ್ರಿತವಾಗಿರುವ ಪ್ರಶ್ನೆಪತ್ರಿಕೆಯ ಶ್ರೇಣಿ, ನಾಮಿನಲ್ ರೋಲ್‌ನ ತಮ್ಮ ಅಂಕಗಳಲ್ಲಿ ಮುದ್ರಿತವಾಗಿರುವ ಪ್ರಶ್ನೆಪತ್ರಿಕೆಯ ಶ್ರೇಣಿಯು ಒಂದೇ ಎಂಬುದನ್ನು ವಿಚಾರಮಾಡಿಕೊಳ್ಳತಕ್ಕದ್ದು. ವ್ಯತ್ಯಾಸ ಕಂಡು ಬಂದಲ್ಲಿ ಅರ್ಜಿದಾರರು ಯಾವ ಶ್ರೇಣಿಯನ್ನು ಪ್ರಶ್ನೆಪತ್ರಿಕೆಯನ್ನು ಉಪಯೋಗಿಸಿರುತ್ತಾರೆ ಎಂಬುದರ ಬಗ್ಗೆ ಫೋಟಾಕಾ ಪತ್ರವನ್ನು ನೀಡತಕ್ಕದ್ದು. ಇಲ್ಲದಿದ್ದಲ್ಲಿ ಅರ್ಜಿದಾರರು ಒ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ಮುದ್ರಿತವಾಗಿರುವ ಪ್ರಶ್ನೆಪತ್ರಿಕೆಯ ವರ್ಷದ ಕೋಡನ್ನು ಮೌಲ್ಯಮಾಪನಕ್ಕೆ ಪರಿಗಣಿಸಲಾಗುವುದು.
- ಒಂದು ವೇಳೆ ಅರ್ಜಿದಾರರು ದೇರೊಬ್ಬ ಅರ್ಜಿದಾರರ personalized ಒ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ಉತ್ತರಿಸಿದ್ದಲ್ಲಿ ಅಂತಹ ಒ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯನ್ನು ಅಸಂಭವವೆಂದು ಪರಿಗಣಿಸಲಾಗುವುದು.
- ಅರ್ಜಿದಾರರು Personalized ಒ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ನಿಗದಿಪಡಿಸಿದ ಸ್ಥಳದಲ್ಲಿ ಸಹಿ ಮಾಡತಕ್ಕದ್ದು. ತಪ್ಪಿದಲ್ಲಿ ಅಂತಹ ಅರ್ಜಿದಾರರು ಒ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯನ್ನು ಅಸಂಭವವೆಂದು ಪರಿಗಣಿಸಲಾಗುವುದು.
- ಅರ್ಜಿದಾರರು Non-personalized ಒ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ಉತ್ತರಿಸಿದ್ದಲ್ಲಿ ಅರ್ಜಿದಾರರು ನೋಂದಣಿ ಸಂಖ್ಯೆ ಮತ್ತು ಪ್ರಶ್ನೆಪತ್ರಿಕೆ ಶ್ರೇಣಿಯನ್ನು ಒದಗಿಸಿರುವ ಸ್ಥಳದಲ್ಲಿ ಬರೆಯುವ ಸಂಬಂಧಪಟ್ಟ ಪತ್ರವನ್ನು ಎನ್‌ಕೋಡ್ ಮಾಡಿ ನಿಗದಿಪಡಿಸಿದ ಸ್ಥಳದಲ್ಲಿ ಸಹಿ ಮಾಡತಕ್ಕದ್ದು. ಇಲ್ಲದಿದ್ದಲ್ಲಿ, ಅಂತಹ ಅರ್ಜಿದಾರರು ಒ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯನ್ನು ಅಸಂಭವವೆಂದು ಪರಿಗಣಿಸಲಾಗುವುದು.
- ಜಾಮಿನಲ್ ರೋಲ್ (ಹಾಜರಾತಿ ಹಾಳೆ)ನಲ್ಲಿ ಅರ್ಜಿದಾರರು ತಪ್ಪದೇ ಸಹಿ ಹಾಕತಕ್ಕದ್ದು.
- ಅರ್ಜಿದಾರರು ಮೇಲ್ಕಂಡ ಯಾವುದೇ ಸೂಚನೆಗಳನ್ನು ಉಲ್ಲಂಘಿಸಿದಲ್ಲಿ ಅಂತಹ ಒ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯನ್ನು ಅಸಂಭವವೆಂದು ಪರಿಗಣಿಸಲಾಗುವುದು.
- ಪರೀಕ್ಷೆಯ ಮುಕ್ತಾಯವನ್ನು ಸೂಚಿಸುವ ಅಂತಿಮ ಗಂಟೆ ಬಾರಿಸಿದ ತಕ್ಷಣವೇ ಒ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯಲ್ಲಿ ಇನ್ನಾವುದೇ ಗುರುತು ಮಾಡುವುದನ್ನು ನಿಲ್ಲಿಸಬೇಕು. ಸಂವಿಧಾನದ ಬಂದು ನಿಮ್ಮಲ್ಲಿರುವ ಒ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯನ್ನು ತಮ್ಮ ವಶಕ್ಕೆ ಪಡೆದುಕೊಂಡು ಲೆಕ್ಕಕ್ಕೆ ತೆಗೆದುಕೊಳ್ಳುವವರೆಗೂ ನಿಮ್ಮ ಆಸನದಲ್ಲಿಯೇ ಕುಳಿತಿರತಕ್ಕದ್ದು.
- ಅರ್ಜಿದಾರರು ಕಾರ್ಡ್ ರಹಿತ ಒ.ಎಂ.ಆರ್. ಉತ್ತರ ಹಾಳೆಯ (Candidate Copy) ಪ್ರತಿಯನ್ನು ಅಂತಿಮ ಆಯ್ಕೆಪಟ್ಟಿಯನ್ನು ಪ್ರಕಟಿಸುವವರೆಗೆ ದೋಷಾನವಾಗಿ ಸಂರಕ್ಷಿಸಿಟ್ಟುಕೊಳ್ಳಬೇಕು ಮತ್ತು ಅದೋಗುವ ಯಾವುದೇ ಸಂದರ್ಭದಲ್ಲಿ ಹಾಜರುಪಡಿಸಲು ಸೂಚಿಸಿದಲ್ಲಿ, ತಪ್ಪದೇ ಅದೇ ಪ್ರತಿಯನ್ನು ಹಾಜರುಪಡಿಸತಕ್ಕದ್ದು.
- ಜಿಪು ಕೆಲಸಕ್ಕಾಗಿ ಹಾಳೆಗಳನ್ನು ಪ್ರಶ್ನೆಪತ್ರಿಕೆಯ ಕೊನೆಯಲ್ಲಿ ಸೇರಿಸಲಾಗಿದೆ. ಪ್ರಶ್ನೆಪತ್ರಿಕೆಯ ಇನ್ನುಳಿದ ಯಾವ ಭಾಗದಲ್ಲಿಯೂ ನೀವು ಯಾವ ರೀತಿಯ ಗುರುತನ್ನು ಮಾಡತಕ್ಕದ್ದಲ್ಲ.
- ತಪ್ಪು ಉತ್ತರಗಳಿಗೆ ವಿಧಿಸಲಾಗುವ ದಂಡ :
ಅರ್ಜಿದಾರರು ತಪ್ಪು ಗುರುತು ಮಾಡಲ್ಪಟ್ಟ ಉತ್ತರಕ್ಕೆ ದಂಡವನ್ನು ವಿಧಿಸಲಾಗುವುದು.
(i) ಪ್ರತಿ ಪ್ರಶ್ನೆಗೆ ಉತ್ತರಕ್ಕಾಗಿ ಜಾಲ್ಯು ಆಯ್ಕೆಗಳನ್ನು ನೀಡಲಾಗಿದೆ. ಪ್ರತಿ ಪ್ರಶ್ನೆಗೆ ಅರ್ಜಿದಾರರು ತಪ್ಪು ಉತ್ತರ ನೀಡಿದಲ್ಲಿ ಆ ಪ್ರಶ್ನೆಗೆ ನಿಗದಿಪಡಿಸಲಾದ ಅಂಕಗಳಲ್ಲಿ 1/4 (0.25) ರಷ್ಟು ಅಂಕಗಳನ್ನು ದಂಡದ ರೂಪದಲ್ಲಿ ಕಳೆದುಕೊಳ್ಳುವುದು.
(ii) ಅರ್ಜಿದಾರರು ಒಂದು ಪ್ರಶ್ನೆಗೆ ಒಂದಕ್ಕಿಂತ ಹೆಚ್ಚು ಉತ್ತರವನ್ನು ನೀಡಿದ್ದಲ್ಲಿ, ಅದರಲ್ಲಿ ಒಂದು ಉತ್ತರವು ಸರಿಯಾಗಿದ್ದರೂ ಸಹ ಅದನ್ನು ತಪ್ಪು ಉತ್ತರ ಎಂದು ಪರಿಗಣಿಸಲಾಗುವುದು. ಆಲ್ಲದೆ, ಮೇಲೆ ತಿಳಿಸಿದಂತೆಯೇ ಆ ಪ್ರಶ್ನೆಗೆ ದಂಡವನ್ನು ವಿಧಿಸಲಾಗುವುದು.
(iii) ಅರ್ಜಿದಾರರು ಯಾವುದೇ ಪ್ರಶ್ನೆಗೆ ಉತ್ತರಿಸದೆ ಬಾರಿ ಬಿಟ್ಟಲ್ಲಿ, ಅಂದರೆ ಉತ್ತರವನ್ನು ನೀಡದಿದ್ದಲ್ಲಿ ಆ ಪ್ರಶ್ನೆಗೆ ಯಾವುದೇ ದಂಡವನ್ನು ವಿಧಿಸಲಾಗುವುದಿಲ್ಲ.

ಯಾವುದೇ ರೀತಿಯ ದೋಷ, ಫೋನ್‌ಗಳು, ಸ್ಮಾರ್ಟ್ ವಾಚ್‌ಗಳು, ಕ್ಯಾಲ್ಕ್ಯುಲೇಟರ್‌ಗಳನ್ನು ಅಥವಾ ಇತರೆ ಎಲೆಕ್ಟ್ರಾನಿಕ್/ಕಮ್ಯುನಿಕೇಷನ್ ಉಪಕರಣಗಳನ್ನು ಪರೀಕ್ಷಾ ಅವಧಿಗಳಲ್ಲಿ ತರುವುದನ್ನು ನಿಷೇಧಿಸಲಾಗಿದೆ.

Note : English version of the instructions is printed on the back cover of this booklet.

1. The usage of Unmanned Aerial Vehicles (UAVs) by the civilian in India has been highly regulated by

- (1) Ministry of Civil Aviation
- (2) Directorate General of Civil Aviation
- (3) Both (1) and (2)
- (4) None of the above

2. The unit of length defined as the distance at which 1 au subtends an angle of 1 arc second, used to measure the large distances is known as

- (1) Light year
- (2) Exameter
- (3) Astronomical unit
- (4) Parsec

3. India's first No-Permission No-Takeoff (NPNT) compliant drone flight on the A200 Remotely Piloted Aircraft System (RPAS) has been completed successfully in Tumakuru, Karnataka which was collaborately developed by

- (1) Bharat Electronics and Hindustan Aeronautics
- (2) Tata Advance Systems and Dassault-Reliance Aerospace
- (3) Quidich Innovation Labs and Asteria Aerospace
- (4) Adani Defense and Aerospace

4. Match the fundamental experiment in List I with the corresponding conclusion in List II :

List I	List II
A. Frank - Hertz experiment	I. Particle nature of light
B. Photo-electric effect	II. Discrete energy levels of atom
C. Davisson - Germer experiment	III. Charge on the electron
D. Millikan's oil-drop experiment	IV. Wave nature of electron

Choose the correct answer from the options below :

	A	B	C	D
(1)	I	IV	III	II
(2)	II	IV	III	I
(3)	II	I	IV	III
(4)	IV	III	II	I

5. Covaxin, an inactivated virus-b COVID-19 vaccine was developed Bharat Biotech in collaboration with

- (1) Indian Council of Medical Research
- (2) National Institute of Virology
- (3) Serum Institute of India
- (4) Both (1) and (2)

6. A species is adapted to specific habitat is called

- (1) Biome
- (2) Ecotone
- (3) Ecotype
- (4) Niche ✓

7. Which living organism has a complete evolutionary fossil record ?

- (1) Goat
- (2) Man ✓
- (3) Elephant
- (4) Horse

8. With reference to cuboidal epithelium, which of the following statements is false ?

- (1) It is located in the tubules of kidney
- (2) Helps in the filtration of blood in Bowman's capsule
- (3) Forms the secretory cells on thyroid
- (4) They usually have a centrally placed nucleus

9. Which of the following statement is true in a mitochondria associated trait ?

- (1) Affected females transmit the trait to only male children
- (2) Affected females transmit the trait to all children
- (3) Affected females transmit the trait to only female children ✓
- (4) Affected males transmit the trait to only female children

10. Hemavathy is a tropical hybrid breed of

- (1) Poultry
- (2) Fish
- (3) Cattle ✓
- (4) Silkworm ✓

11. Consider the following pairs :

Waterfalls	River
A. Hundru falls	– Budhabalanga
B. Barehipani falls	– Subarnrekha
C. Jog falls	– Sharavati ✓
D. Barkana falls	– Sita ✓

How many pairs given above are correctly matched ?

- (1) Only one pair ✓
- (2) Only two pairs ✓
- (3) Only three pairs
- (4) All four pairs

12. Which one of the following is a Geothermal Power Plant ?

- (1) Korba
- (2) Nathpa Jhakri ✓
- (3) Ukai ,
- (4) Manikaran

13. With reference to Kandla sea port, consider the following statements :

- A. Kandla sea port is located in Gujarat.
- B. It is a tidal port.
- C. It was developed in the pre-independence period. ✓

Which of the above statements are correct ?

- (1) Only A and B
- (2) Only B and C
- (3) Only A and C
- (4) A, B and C ✓

14. Which one of the following is the largest island of Japan ?

- (1) Honshu ✓
- (2) Hokkaido
- (3) Kyushu ✓
- (4) Shikoku

15. Consider the following pairs :

*Cities situated
along riverside*

Rivers

- | | |
|--------------------|-----------|
| A. Paris | - Seine |
| B. Berlin | - Spree |
| C. Washington D.C. | - Potamac |
| D. Glasgow | - Clyde |

How many pairs given above are correctly matched ?

- (1) Only one pair
- (2) Only two pairs
- (3) Only three pairs
- (4) Only four pairs

16. Which Satyagraha among the following brought the title 'Sardar' to Vallabhbhai Patel ?

- (1) Champaran Satyagraha
- (2) Kheda Satyagraha
- (3) Bardoli Satyagraha ✓
- (4) Salt Satyagraha

17. Who was the first and the last Indian Governor General of independent India ?

- (1) C. Rajagopalachari (Rajaji) ✓
- (2) Babu Rajendra Prasad
- (3) S. Radhakrisnan
- (4) Zakir Husain

18. Who is the ruler of Mysore during the Rendition in 1881 A.D. ?

- (1) Krishnaraja Wodeyar II
- (2) Krishnaraja Wodeyar III
- (3) Chamaraja Wodeyar X ✓
- (4) Krishnaraja Wodeyar IV

19. Among the coastal centres of Karnataka given below, which was the 'Dandi of Karnataka' ?

- (1) Udupi
- (2) Mangalore
- (3) Bhatkal
- (4) Ankola ✓

20. Put the following commissions in the ascending chronological order of their formation :

- A. Wanchoo Commission
- B. J.V.P. Commission
- C. Mishra Commission
- D. Fazl Ali Commission

Find the correct answer.

- (1) A, C, D, B
- (2) B, C, D, A
- (3) B, A, C, D ✓
- (4) D, A, B, C

21. In 2022, which nation had declared April as the 'Dalit History Month'?

- (1) USA
- (2) France
- (3) Canada's British India Province ✓
- (4) Germany

22. Vijayanagara has been created as the 31st district of Karnataka on 2nd October, 2021. It has been carved out of which district of the following?

- (1) Bidar
- (2) Bijapur
- (3) Raichar
- (4) Bellary ✓

23. Young Bengal Movement was led by :

- (1) Raja Ram Mohan Roy
- (2) Ishwar Chandra Vidyasagar
- (3) Subash Chandra Bose
- (4) Henry Vivian Derozio ✓

24. The Act which permitted the missionaries to propagate Christianity in India?

- (1) Regulating Act of 1772
- (2) Pitt's India Act of 1784
- (3) Charter Act of 1813 ✓
- (4) Religious Disabilities Act of 1856

25. Which Pala ruler founded the famous Vikramshila University for the Buddhists?

- (1) Mahipala ✓
- (2) Devapala
- (3) Gopala
- (4) Dharmapala ✓

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26. National Social Assistance Programme (NSAP) is related to

- (1) Social pension
- (2) Employment
- (3) Self Employment ✓
- (4) Skill Development

27. National Panchayati Raj Day is celebrated on

- (1) 24th May
- (2) 22th March
- (3) 24th April ✓
- (4) 27th May

28. The scheme which aims to provide 'Record of Rights' to the household owners in rural areas is

- (1) MGNREGS ✓
- (2) PMGSY
- (3) NSAP
- (4) SVAMITVA

29. The vision of NIPUN Bharat is related to

- (1) Evolution of Teachers Education ✓
- (2) To create an enabling environment to ensure universal acquisition of Foundational Literacy and Numeracy
- (3) Early Childhood Care and Education
- (4) Mentoring in schools

30. The State which ranked first place in India Innovation Index of 2021 is

- (1) Maharashtra
- (2) Haryana
- (3) Telangana
- (4) ~~Karnataka~~ ✓

31. National Hydrogen Mission was announced in

- (1) August 2019
- (2) ~~September 2020~~ ✓
- (3) August 2021 ✓
- (4) September 2019

32. Satyajit Ray Lifetime Achievement Award by the 52nd International Film Festival of India - 2021 has been conferred to

- (1) Istvan Szabo and Martin Scorsese
- (2) Sean Connery and Andrei Konchalovsky
- (3) Bela Tarr and Kishore Kalita
- (4) Subash Sahoo and Gyan Sahay

33. World Zoonoses Day has been celebrated on

- (1) 6th January
- (2) ~~9th March~~ ✓
- (3) 6th July ✓
- (4) 9th October

34. PM-MITRA parks are related to
- (1) Education
 - (2) Shipbuilding Industry
 - (3) Transport and Communication
 - ☒ (4) Textile Industry

35. The scheme related to encourage participation of Girls in Technical Education is

- ☒ (1) NISHTHA
- (2) PRAGATI
- (3) POSHAN
- (4) BHOOMI RASHI

36. The 44th Chess Olympiad was conducted at

- (1) Mahabaleshwar
- (2) Minicoy
- (3) Malanjhand
- ☒ (4) Mahabalipuram

37. The first National Sports University (Central University) has been established in the state of

- (1) Meghalaya
- ☒ (2) Mizoram
- ☒ (3) Manipur
- (4) Nagaland

38. The Wimbledon Women's Singles Final in the year 2022 was won by

- ☒ (1) Elena Rybakina
- (2) Ons Jabeur
- (3) Maria Sakkari
- (4) Serena Williams

39. India's Men's Badminton team won the Thomas Cup which was held in May 2022 by defeating the team of

- (1) Denmark
- (2) Japan
- ☒ (3) Indonesia
- (4) Malaysia

40. Karnataka got its first Ramsar Site in Mandya district in 2022 and was declared a wetland of international importance. The name of the Ramsar Site is

- (1) Kadalundi Bird Sanctuary
- (2) Nelapattu Bird Sanctuary
- ☒ (3) Ranganathittu Bird Sanctuary
- (4) Kanjirankulam Bird Sanctuary

41. World Wildlife Day is celebrated on

- ☒ (1) 3rd March
- (2) 13th March
- (3) 3rd April
- (4) 13th April

42. The Padmaja Naidu Himalayan Zoological Park is found in the State of

- ☒ (1) Himachal Pradesh
- ☒ (2) Uttarakhand
- (3) West Bengal
- (4) Meghalaya

43. The Nobel Prize Laureates in Chemistry during 2021 were

- (1) David Julius and Ardem Patapoutian
- (2) Maria Ressa and Dmitry Andreyevich Muratov
- (3) David Card, Joshua D. Angrist and Guido W. Imbens
- (4) Benjamin List and David W.C. MacMillan

44. Shanti Swarup Bhatnagar Award for Mathematical Sciences in the year 2021 has been conferred to

- (1) Dr. Anish Ghosh and Dr. Saket Saurabh
- (2) Sandeep Verma and Dr. Kanak Saha
- (3) Jyotiranjana Srichandan Ray and Prof. T. Govindaraju
- (4) Vidita Ashok Vaidya and Dr. Rohit Srivastava

45. The chairperson of Drafting Committee of National Education Policy 2020 was

- (1) K. Kasturirangan
- (2) Mahesh Chandra Pant
- (3) Govind Prasad Sharma
- (4) T.V. Kattimani

46. The visible region of the spectrum, which corresponds to the wavelengths of light that are suitable for photosynthesis, ranges between about 400 nm and 700 nm. This range is called

- (1) Photosynthetically inactive region
- (2) Infra red radiation
- (3) Photosynthetically active region
- (4) Ultra-violet radiation

47. A measure of biodiversity that takes into account the degree of relationship among organisms, giving greater weight to more distantly related forms is

- (1) Species diversity
- (2) Phylogenetic diversity
- (3) Endemism
- (4) Ecological biomass

48. Match List I with List II :

List I	List II
A. Niche	I. The state of a species that is restricted to a single region
B. Endemism	II. The functional role of a species in the community
C. Mass extinction	III. The abrupt disappearance of a large proportion of species
D. Liana	IV. A climbing woody vine that is rooted in soil

Choose the correct answer from the options below :

	A	B	C	D
(1)	IV	III	II	I
(2)	I	II	III	IV
(3)	I	III	II	IV
(4)	II	I	III	IV

49. Match List I with List II :

List I	List II
A. Ecological species	I. Species are separate if they are unable to interbreed and produce fertile offspring.
B. Evolutionary species	II. Differences in physical characteristics or molecular characteristics are used to distinguish species.
C. Phylogenetic species	III. Phylogenetic trees and analyses of ancestry serve to differentiate species.
D. Biological species	IV. Species separate based on their use of different ecological niches and their presence in different habitats and environments.

Choose the correct answer from the options below :

	A	B	C	D
(1)	IV	III	II	I
(2)	I	II	III	IV
(3)	I	III	II	IV
(4)	I	IV	III	II

50. The most important and unique features of tropical rain forest are given below :

- A. Rainfall exceeds 230 cm per year.
- B. Orchids and bromeliads are common epiphytes.
- C. Temperature is hot the year round, averaging 5 – 10°C.
- D. Nutrient-poor soils due to the nutrients are leached out by heavy rainfall.

Choose the correct combination from the options given below :

- (1) A, B and C
- (2) B, C and D.
- (3) A, C and D
- (4) A, B and D

51. Match List I with List II :

List I	List II
A. Fossorial	I. Leaping
B. Cursorial	II. Climbing
C. Saltatorial	III. Running
D. Scansorial	IV. Burrowing

Choose the correct answer from the options below :

	A	B	C	D
(1)	IV	I	II	III
(2)	I	II	III	IV
(3)	IV	III	I	II
(4)	II	I	III	IV

52. Match List I with List II :

List I	List II
A. Pampas	I. Eurasia
B. Veldt	II. Hungary
C. Pustaz	III. Africa
D. Steppes	IV. South America

Choose the correct answer from the options below :

	A	B	C	D
(1)	IV	II	III	I
(2)	I	II	III	IV
(3)	IV	III	II	I
(4)	IV	I	II	III

53. Certain unique features are required to fulfill the criteria of mangrove vegetations :

- A. Vivipary
- B. Pneumatophores
- C. Oil glands
- D. Muddy swamps ✓
- E. Low productive ecosystems
- F. Salt tolerant plants ✓

Select the appropriate combination :

- (1) A, C, D and E
- (2) A, B, D and F
- (3) A, C, D and F ✓
- (4) B, C, D and E

54. The Indian Seed Vault is a secure seed bank located in a high-altitude region of India. It was established in 2010 jointly by the Defence Institute of High Altitude Research and the National Bureau of Plant Genetic Resources. It is located in

- (1) Jammu and Kashmir
- (2) Himachal Pradesh ✓
- (3) Andhra Pradesh
- (4) Ladakh

55. A parasitic bloom was coincidentally discovered by Jatindra Sharma (Assam forest officer). The parasitic bloom is a variant of a Japanese orchid. It is found to have a maximum height of 40 cm and a blossoming period of five-six days. The name is

- (1) *Lecanorchis taiwaniana* ✓
- (2) *Phalaenopsis*
- (3) *Dendrobium*
- (4) *Catasetum*

56. In India, the seasonal and inter-annual variability of atmospheric ammonia (NH_3) emitted by the agricultural sector has been analyzed by researchers from IIT Kharagpur in collaboration with IITM Pune and European researchers. Which region of India is named as the global hot-spot of atmospheric ammonia ?

- (1) Western Ghats ✓
- (2) Coastal Region
- (3) Deccan Plateau
- (4) Indo-Gangetic Plain

57. Indian Botanical Garden is a sprawling garden with an area of 273 acres that is located in Howrah, Kolkata. The gardens were established in the year 1787. It is presently under the Botanical Survey of India (BSI) of the Ministry of Environment and Forests, Government of India. Recently, this garden was renamed after :

- (1) Acharya Jagadish Chandra Bose
- (2) Subhas Chandra Bose
- (3) Bhagat Singh
- (4) Mahatma Gandhi

58. India currently has 75 sites designated as Ramsar Sites of International Importance. The convention came into force in India on 1 February, 1982. India has added two Ramsar Sites to the list of Ramsar Sites of International Importance, on the occasion of World Wetlands Day (2022).

- A. Bakhira Wildlife Sanctuary ✓
- B. Karikili Bird Sanctuary ✓
- C. Khijadia Wildlife Sanctuary
- D. Vellode Bird Sanctuary

Select the appropriate combination :

- (1) A and D ✓
- (2) A and B
- (3) A and C
- (4) B and D

59. She was a pioneering botanist of India. She is a noted for her works in the field of cytogenetics and phytogeography. In 2018, a hybrid rose breed was named after her. Her most valued works are creation of hybrids of sugarcane and eggplant. She was elected Fellow of the Indian Academy of Sciences and Indian National Science Academy.

- (1) Anna Mani
- (2) Rajeshwari Chatterjee
- (3) Janaki Ammal
- (4) Kamala Sohonie

60. Royal Botanic Gardens breaks record for largest living plant collection at a single place, according to Guinness World Records (GWR). It is also the largest seed repository of world, the Millennium Seed Bank. It is located in

- (1) Rio de Janeiro, Brazil
- (2) Kew, England
- (3) Howrah, Kolkata
- (4) Manila, Philippines

61. Karnataka State Biodiversity Board comes under the department of
- (1) Agriculture and Horticulture
 - ☒ (2) Forestry, Ecology and Environment
 - (3) Bio-technology
 - (4) Animal Husbandry
62. Who shall appoint Dowry Prohibition Officers?
- (1) Central Government
 - ☒ (2) State Government
 - (3) Court
 - (4) Commissioner of Police
63. First E-Waste Eco Park in India is to be built in _____.
- ☒ (1) Bengaluru
 - (2) Delhi
 - (3) Kashi
 - (4) Pune
64. "CAWACH" stands for
- ☒ (1) Centre for Augmenting War with Covid-19 Health Crisis
 - (2) Common Agreement with Armed Control Help
 - (3) Civil Aviation Wing and Common Helpline
 - (4) Children's and Women Awareness Campaign Helpline

65. According to the 15th Finance Commission recommendation, what is the percentage of devolution of taxes from the Union to the States (Vertical Devolution)?

- (1) 39%
- (2) 50%
- ☒ (3) 41%
- (4) 46%

66. 73rd and 74th amendments to the Indian Constitution provided for reservation of one-third of the seats for women in elections to

- (1) Gram Panchayats and Zilla Parishads
- (2) Municipalities and Municipal Corporations
- ☒ (3) Both (1) and (2)
- (4) None of the above

67. In which of the following case did the Supreme Court observe that the 'Right to Life' under Article 21 does not include the Right to Die?

- (1) P. Rathinam v. Union of India
- (2) Gian Kaur v. State of Punjab
- (3) Sunil Batra v. Delhi Administration
- ☒ (4) Olga Tellis and others v. Bombay Municipal Corporation and others

68. Match List I with List II :

List I

List II

- | | |
|------------------|------------------------------|
| A. Article 243 A | I. Formation of Panchayats |
| B. Article 243 B | II. Grama Sabha |
| C. Article 243 C | III. Seat Reservation |
| D. Article 243 D | IV. Composition of Panchayat |

Choose the correct answer from the options below :

- | | A | B | C | D |
|-----|-----|-----|-----|-----|
| (1) | I | II | III | IV |
| (2) | II | I | IV | III |
| (3) | IV | III | II | I |
| (4) | III | I | II | IV |

69. Central Consumer Protection Authority (CCPA) can impose penalty of _____ on manufacturers, advertisers and endorsers for any misleading advertisements under its new guidelines of 2022.

- (1) ₹ 2 – 4 lakhs
- (2) ₹ 5 – 10 lakhs
- (3) ₹ 10 – 50 lakhs
- (4) ₹ 10 – 15 lakhs

70. Which of the following has been wrongly matched ?

- (1) Public Service Commissions – Government of India Act 1935
- (2) Method of election of the President – Irish Constitution
- (3) Election of the members of the Upper House (Rajya Sabha) – South African Constitution
- (4) Freedom of trade – Canadian Constitution

71. The Fiscal Deficit in 2020 – 21 budget was _____ percentage of GDP.

- (1) 9.3%
- (2) 10%
- (3) 6.8%
- (4) None of the above

72. Simon Kuznets Hypothesis points out that inequalities tends to _____ during the period of rapid growth.

- (1) rise
- (2) decline
- (3) be stagnant
- (4) cause inflation

73. Which of the following States is ranked 1st by the NITI Aayog SDG report 2020 – 21 ?

- (1) Himachala Pradesh
- (2) Bihar
- (3) Karnataka
- (4) Kerala

74. The impact of Russia and Ukraine war on India is

- (1) Cost push inflation due to increased crude oil prices
- (2) Disruption of Indian edible oil market
- (3) Both (1) and (2)
- (4) None of the above

75. The authors of "Good Economics for Hard Times" are

- (1) A.K. Sen and Nabanita Dev Sen
- (2) Abhijit V. Banerjee and Esther Duflo
- (3) P.V. Narasimha Rao and Manmohan Singh
- (4) Montek Singh Ahuwalla and C. Rangarajan

76. _____ are downward sloping and convex to the origin.

- (1) Fixed cost curves
- (2) Indifference curves
- (3) Revenue curves
- (4) Supply curves

77. "Bad money drives out good money from circulation" is called

- (1) Gresham's Law
- (2) Giffen's Law
- (3) Veblen's Law
- (4) Pigou's Law

78. The wages of the workers are adjusted in accordance with the changes which occur in

- (1) Wholesale price index number
- (2) Production index number
- (3) Cost of living index number
- (4) Retail price index number

79. According to RBI Act of 1934, Commercial Banks were divided in India as

- (1) Public and Private Banks
- (2) Scheduled and Non-Scheduled Banks
- (3) Urban and Rural Banks
- (4) Organised and Unorganised Banks

80. Which of the following Act laid a strong foundation for the Cooperative Movement in Karnataka and further supported to strengthen it?

- (1) The Karnataka Souharda Sahakari Act, 1987
- (2) The Karnataka Souharda Sahakari Act, 1997
- (3) The Karnataka State Cooperative Societies Act, 1959
- (4) The Co-operative Societies Act, 1912

81. Rama and Bheema started a business investing ₹ 85,000 and ₹ 15,000 respectively. In what ratio would the profit earned after 2 years be divided between Rama and Bheema?

- (1) 3:4
(2) 3:5
(3) 15:23
(4) 17:3

85/15 = 17/3

82. How many five-digit numbers can be formed with the digits 2, 3, 5, 7, 9 which lie between 30,000 and 90,000?

- (1) 24
(2) 36
(3) 12
(4) 72

83. A circus artist is climbing a 12 m long rope which is lightly stretched and tied from the top of a pole. Find the height of the pole, if the angle made by the rope with the ground is 30° .

- (1) $\sqrt{3}$ m
(2) $2\sqrt{3}$ m
(3) $4\sqrt{3}$ m
(4) $3\sqrt{3}$ m

30°

84. If '+' means '×', '-' means '÷', '×' means '-' and '÷' means '+' then $36 \div 6 \div 6 \times 4 + 3$ is

- (1) 0
(2) 3
(3) 4
(4) 2

$$6 \div 6 - 12$$

85. If x, y, z are in GP then $\frac{1}{1 + \log_{10} x}$,

$$\frac{1}{1 + \log_{10} y} \text{ and } \frac{1}{1 + \log_{10} z} \text{ will be in}$$

- (1) AP
(2) GP
(3) HP
(4) Cannot be said

86. A 300 m long train with a speed of 35 km/hr and a 200 m long train with a speed of 25 km/hr are approaching each other from two stations A and B respectively. In how much time will they cross each other?

- (1) 30 seconds
(2) 40 seconds
(3) 50 seconds
(4) 60 seconds

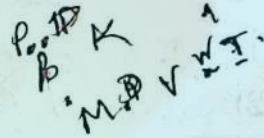
$$= \frac{500}{60 \times \frac{5}{18} \times \frac{3}{5}} = 30$$

87. Globalization refers to:

- (1) A more integrated and interdependent world.
(2) Lower incomes worldwide
(3) Less foreign trade and investment
(4) Global warming and their effects

Directions : Study the following information and answer the questions from 88 – 92 :

P, T, V, R, M, D, K and W are sitting around a circular table facing the centre. V is second to the left of T. T is fourth to the right of M. D and P are not immediate neighbours of T. D is third to the right of P. W is not an immediate neighbour of P. P is to the immediate left of K.

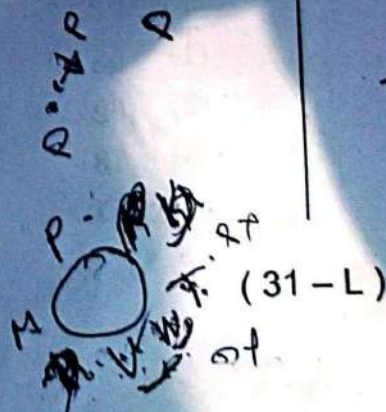


88. Who is second to the left of K?

- (1) P
- (2) M
- (3) R
- (4) W

89. Who is to the immediate left of V?

- (1) D
- (2) W
- (3) M
- (4) K



90. Who is third to the right of M?

- (1) W
- (2) R
- (3) V
- (4) T

91. What is R's position with respect to V?

- (1) Third to the left
- (2) Fifth to the right
- (3) Second to the left
- (4) None of the above

92. Three of the following four are alike in a certain way based on their positions in the above seating arrangements, and so form a group. Which of the following doesn't belong to that group?

- (1) DW
- (2) RD
- (3) TP
- (4) VM

93. Patrol : Security :: Insurance : ?

- (1) Savings
- (2) Risk cover
- (3) Policy
- (4) Money

Directions : Study the data given in the following table carefully and answer the questions 94 - 95 given below it :

Wheat Production (in lakh tonnes)

States	2016	2017	2018	2019	2020
A	9.0	10.7	8.9	11.6	8.4
B	14.5	16.3	16.2	16.4	16.8
C	14.9	15.7	16.8	16.9	17.8
D	7.6	8.4	7.4	7.9	8.6
E	21.0	22.6	23.2	22.2	23.9

94. In 2018, which state contributed close to one-eighth of the total production of all the five states ?

- (1) A
- (2) B
- (3) C
- (4) D

95. In which state did the production of wheat increase continuously from 2016 to 2020 ?

- (1) A
- (2) B
- (3) C
- (4) D

96. Where is the NATO headquarter situated ?

- (1) New York
- (2) Brussels
- (3) Geneva
- (4) Vienna

97. What is Absorption Approach ?

- (1) People consume more than what they produce
- (2) People consume lower than what they produce
- (3) There is no role for the consumers in the absorption approach
- (4) The Government will be spending less in this situation

98. The geometric mean of two numbers is 8 and their harmonic mean is 6.4. Then the two numbers are

- (1) 4, 16
- (2) 2, 32
- (3) 8, 8
- (4) 32, 32

99. The winter rains in Indo-Gangetic Plains is caused by which one of the following ?

- (1) Winter Monsoon
- (2) Western Disturbances
- (3) Tropical Cyclones
- (4) Nor'westers

100. The average marks of certain students in a class test was 52. The top 20% of them scored an average of 80 marks and bottom 25% scored an average of 31.8 marks. What is the average of the remaining students ?

- (1) 58
- (2) 62
- (3) 73
- (4) 51