

SSC SPECIAL DAILY QUIZ -636
TOTAL QUESTIONS-40, TIME - 40 MINUTES, MARKS - 40
ARENA OF GENERAL KNOWLEDGE

1. The gas used to extinguish fire is
 (a) Neon (b) Nitrogen (c) Carbon Dioxide (d) Carbon Monoxide
2. Tetraethyl lead is used as
 (a) Mosquito Repellent (b) Pain Killer (c) Fire Extinguisher (d) Petrol Additive
3. Nuclear fission is caused by the impact of
 (a) Proton (b) Electron (c) Neutron (d) None
4. The difference between a nuclear reactor and an atom bomb is that
 (a) No chain reaction takes place in nuclear reactor while in the atomic bomb there is a chain reaction
 (b) No chain reaction takes place in atomic bomb while it takes place in a nuclear reactor
 (c) The chain reaction in nuclear reactor is not controlled
 (d) The chain reaction in nuclear reactor is controlled
5. Lichens are formed due to the symbiotic association of
 (a) Moss and Fungi (b) Bacteria and Fungi (c) Algae and Fungi (d) None
6. Which of the following combinations are incorrect?
 1. Asthma – Lung 2. Influenza – Respiratory Tract
 3. Rickets – Pancreas 4. Malaria – Spleen
 (a) 1 and 2 (b) 1 and 3 (c) 2 and 4 (d) 3 and 4
7. A plasmid is
 (a) A component of the cell wall (b) A part of the plasma membrane
 (c) A vesicle full of digestive enzymes (d) An extra chromosomal genetic element
8. Which of the following is not a characteristic of the religion practised by Harappan people?
 (a) Nature Worship (b) Worship of Mother Goddess
 (c) Faith in Magic, Charms and Sacrifices (d) Belief in Life after Death
9. Kharavela ruled over
 (a) Malwa (b) Magadha (c) Gandhara (d) Kalinga
10. In 1498 Vasco Da Gama landed at
 (a) Bombay (b) Cochin (c) Calicut (d) Goa
11. Mahatma Gandhi returned to India, leaving South Africa for ever in
 (a) 1914 (b) 1915 (c) 1916 (d) 1919
12. The design of the National Flag was adopted by the Constituent Assembly of India in
 (a) July, 1948 (b) July, 1950 (c) July, 1947 (d) August, 1947
13. India opted for a federal form of government because of
 (a) Vast Territory (b) Cultural Integration
 (c) Linguistic and Regional Diversity (d) Administrative Convenience
14. Which among the following is not a part of the electoral reforms?
 (a) Registration of Political Parties
 (b) Disqualifying the Offenders
 (c) Installation of Electronics Voting Machines
 (d) Appointment of Election Commissioner
15. Twelve constellation referred to as zodiac are
 (a) Signs of Roman Gods (b) Imaginary Region that Encompass the Path of the Planets
 (c) A Group of Stars (d) None
16. Heat received by earth from the sun is known as
 (a) Insolation (b) Solar Heat (c) Solar Radiation (d) Thermal Radiation
17. Which of the following pairs of artists and their areas of specialisation is not correct?
 (a) Ustad Zakir Hussain Khan – Tabla (b) Pt. Ravi Shankar - Sitar
 (c) Hari Prasad Chaurasia – Flute (d) M. S. Subbulakshmi – Dance

18. The term "Steeplechase" is associated with
 (a) Horse Racing (b) Boxing (c) Polo (d) Rowing
19. Match the following.
 A. Central Drug Research Institute 1. Simla
 B. Central Potato Research Institute 2. Cuttack
 C. Central Rice Research Institute 3. Lucknow
 D. Indian Institute of Horticulture Research 4. Bangalore
- Codes
 A B C D A B C D A B C D A B C D
 (a) 3 1 2 4 (b) 2 3 4 1 (c) 4 3 1 2 (d) 2 1 4 3
20. The largest mosque in India is
 (a) Jama Masjid (b) Bijapur Masjid (c) Juma Masjid (d) None
21. Which cricketer became the second fastest player to score 25 Test Centuries after scoring 123 runs on the third day of the Second Test against Australia at Perth?
 (a) Shikhar Dawan (b) Virat Kohli (c) Rohit Sharma (d) Prithvi Shaw
22. When did India celebrate Vijay Diwas to commemorate India's victory over Pakistan in 1971 war, the war for the Independence of Bangladesh from Pakistan?
 (a) December 12 (b) December 14 (c) December 16 (d) December 13
23. Name the Indian Naval Ship (INS) that successfully carried out a Visit, Board, Search and Seizure (VBSS) operation off the coast of Somalia in the horn of Africa?
 (a) INS Savitri (b) INS Kalvari (c) INS Sunayna (d) INS Prithvi
24. A part of the eye which helps in changing the focal length of crystalline lens is
 (a) iris (b) aqueous humour (c) cornea (d) ciliary muscles
25. Tin and lead can be refined by –
 (a) Poling (b) Liqutation (c) Bessemerisation (d) Cupellation

ENGLISH BUZZ

Directions Q. (26-30) : In the following passage some of the words have been left out. Read the passage carefully and choose the correct answer to each question out of the four alternatives.

One of the oldest cities of Asia, Srinagar is known for its unique wooden architecture. Its **(26)** network of narrow streets amid multi-storey wooden houses **(27)** out its waterways, make it look like medieval Islamic **(28)** centres. The large-scale demolition of traditional buildings and bazaars **(29)** the quest for modernity have, however, **(30)** to their disappearance.

26. (a) expansive (b) extensive (c) extended (d) expended
 27. (a) open (b) opened (c) opening (d) opined
 28. (a) urban (b) village (c) rural (d) country
 29. (a) in (b) inside (c) on (d) into
 30. (a) lead (b) led (c) conformed (d) caused

Directions Q. (31-32) : For each of the following sentences four alternatives are given. You are required to choose the correct meaning of the idioms given in BOLD in the sentence.

31. You may rush from **pillar to post**, but you stand no chance of getting what you want without a bribe.
 (a) be very busy. (b) rush in all directions and suffer much harassment.
 (c) go to all post boxes and post offices. (d) go to many offices and post letters.
32. At a party, Gareth Brathwett is always in **high spirits**
 (a) talkative (b) cheerful (c) drunk (d) uncontrollable

Directions Q. (33-34) : In the following questions, a sentence has been given in Direct Speech. Out of the four alternatives suggested, select the one which best expresses the same sentence in Indirect Speech.

33. Terry Aldermann replied, "I have promised to reward my servants".
 (a) Terry Aldermann replied that he had promised to reward my servants.
 (b) Terry Aldermann promised that he would reward his servants.
 (c) Terry Aldermann replied that he had promised to reward his servants.

- d) Terry Aldermann had promised that he would reward his servants.
34. "This is the best book I've ever read," the professor told the class.
- (a) The professor told the class that, that was the best book they could ever read.
 (b) The professor told the class that was the best book he would ever read.
 (c) The professor told the class that this was the best book he had ever read.
 (d) The professor told the class that it was the best book he had ever read.

Directions (Q. No 35) : In the following questions, sentences are given with blanks to be filled in with an appropriate word(s). Four alternatives are suggested for each question. Choose the correct alternative out of the four.

35. A. R. Rahman _____ the music for commonwealth Games 2010.
- (a) sang (b) made (c) composed (d) produced

MASTERING MATHEMATICS

36. A number consists of two digits and the digit in the ten's place exceeds that in the unit's place by 5. If 5 times the sum of the digits be subtracted from the number, the digits of the number are reversed. Then the sum of digits of the number is
- (a)11 (b) 7 (c) 9 (d) 13
37. The greatest among the numbers $\sqrt[4]{3}, \sqrt[5]{4}, \sqrt[10]{12}, 1$ is
- (a) 1 (b) $\sqrt[5]{4}$ (c) $\sqrt[4]{3}$ (d) $\sqrt[10]{12}$
38. Each interior angle of a regular polygon is 144° . The number of sides of the polygon is
- (a)8 (b)9 (c)10 (d)11
39. A does half as much work as B in one-third of the time taken by B. If together they take 10 days to complete a work, then the time taken by B alone to do it would have been
- (a)30 days (b) 25 days (c) 6 days (d) 12 days
40. A cylindrical rod of iron whose height is eight times its radius is melted and cast into spherical balls each of half the radius of the cylinder. The number of such spherical balls is
- (a) 12 (b) 16 (c) 24 (d) 48

	SCORE
YOUR SCORE	35-40 : Outstanding
	29-34: Very Good <input style="width: 30px; height: 20px;" type="text"/>
	23-28: Good <input style="width: 30px; height: 20px;" type="text"/>
	Less than 23: Average <input style="width: 30px; height: 20px;" type="text"/>

ANSWER KEYS

01. (c) 02. (d) 03. (c) 04. (d) 05. (c) 06. (d) 07. (d) 08. (a) 09. (d) 10. (c)
11. (a) 12. (c) 13. (c) 14. (c) 15. (b) 16. (a) 17. (d) 18. (a) 19. (a) 20. (a)
21. (b) 22. (c) 23. (c) 24. (d) 25. (b) 26. (b) 27. (c) 28. (a) 29. (a) 30. (b)
31. (b) 32. (b) 33. (c) 34. (c) 35. (c) 36. (c) 37. (b) 38.(c) 39. (b) 40. (d)

EXPLANATIONS

36.c; $x - y = 5$

$$10x + y - 5(x + y) = 10y + x \Rightarrow 10x + y - 5x$$

$$- 5y - 10y - x = 0$$

$$\Rightarrow 4x - 14y = 0 \Rightarrow 2x - 7y = 0$$

$$2x - 2y = 10$$

$$5y = 10 \Rightarrow y = 2$$

$$x = 7$$

$$x + y = 9$$

37.b; 4, 5, 10 LCM = 20

$$\sqrt[4]{3} = \sqrt[20]{3^5} = \sqrt[20]{243} \quad \sqrt[5]{4} = \sqrt[20]{4^4} = \sqrt[20]{256}$$

$$\sqrt[10]{12} = \sqrt[20]{12^2} = \sqrt[20]{144}$$

$$\sqrt[20]{256} \text{ is greatest} = \sqrt[5]{4}$$

38.c; Each interior angle = $\frac{(n-2) \times 180^\circ}{n}$

$$\Rightarrow 144 = \frac{(n-2) \times 180^\circ}{n} \Rightarrow$$

$$\frac{144}{180}n = n - 2$$

$$\Rightarrow \frac{4}{5}n = n - 2 \Rightarrow 4n = 5n - 10$$

$$\Rightarrow n = 10.$$

39.b; Let the whole work done by B in x days.

$$\text{In } \frac{1}{3} \text{rd of the time work by A} = \frac{1}{2}$$

$$\frac{1}{2} \text{ work done by A in } \frac{1}{3} x \text{ days.}$$

$$\text{Whole work done by A in } \frac{2}{3} x \text{ days.}$$

$$\frac{1}{x} + \frac{3}{2x} = \frac{1}{10}$$

$$\Rightarrow \frac{2+3}{2x} = \frac{1}{10}$$

$$\Rightarrow \frac{5}{2x} = \frac{1}{10}$$

$$\Rightarrow \frac{50}{2} = x = 25 \text{ days.}$$

40.d; $h = 8r$

$$\text{Volume of cylinder} = \pi r^2 h .$$

$$= \pi r^2 8r = 8\pi r^3$$

$$\text{Radius of sphere } r_1 = \frac{r}{2}$$

$$\text{Volume of sphere} = \frac{4}{3} \pi r_1^3 \text{ According to the}$$

question

$$8\pi r^3 = \frac{4}{3} \pi \left(\frac{r}{2}\right)^3 \times x \Rightarrow x = \frac{8r^3 \times 3 \times 8}{4r^3}$$

$$\Rightarrow x = 48$$

“SUCCESS COMES FROM EXPERIENCE AND EXPERIENCE COMES FROM BAD EXPERIENCES.”