

169/2015

1. Today is Monday. After 54 days it will be :
(A) Tuesday (B) Thursday (C) Friday (D) Saturday
2. In a certain code **SCHOOL** is written as **LPPIDS**. How is **COMPUTER** written in the same code ?
(A) RFVUPNPC (B) RFUVQNPC (C) KCZFXMYA (D) DPNQVSFT
3. Look at the Series : 26, 25, 27, 26, 28, 27 – What number should come next ?
(A) 26 (B) 27 (C) 28 (D) 29
4. Choose the odd one : 43, 53, 63, 73, 83.
(A) 73 (B) 63 (C) 53 (D) 43
5. Choose the word which best expresses the meaning of the given word : **WARY**
(A) Vigilant (B) Intelligent (C) Accurate (D) Tired
6. If \times means *addition*, $-$ means *division*, $+$ means *subtraction* and \div means *multiplication* then the value of : $4 - 4 \times 4 \div 4 + 4 - 4$ is equal to :
(A) 4 (B) 0 (C) 16 (D) 1
7. Select the correct choice :
Horse : Cart :: Tractor : ___ ?
(A) Bus (B) Driver (C) Trailer (D) Bullock
8. Starting from a point, Babu walked 20 meters north side, he turned right and walked 10 meter, he again turned right and walked 20 meters, then he turned left and walked 5 meters. How far is he now and in which direction from the starting point ?
(A) 15 meter towards east (B) 5 meter towards east
(C) 15 meter towards west (D) 5 meter towards west
9. Find the next in series :
 $AP_5QR, ZP_4QS, BP_3QT, YP_2QU$ ___ ?
(A) XP_1QW (B) XP_1UV (C) CP_1QV (D) CP_1QU

10. Choose the least number which when divided by 8, 9, 15, 24, 32 and 36 leaves remainders 3, 4, 10, 19, 27 and 31 respectively :
- (A) 2675 (B) 2875 (C) 3075 (D) 3275
11. Which of the following is the highest common factor of 4266, 7848, 9540 ?
- (A) 18 (B) 20 (C) 22 (D) 24
12. The difference of $1\frac{5}{16}$ and its reciprocal is equal to :
- (A) $\frac{441}{256}$ (B) $\frac{256}{441}$ (C) $\frac{185}{336}$ (D) $\frac{336}{185}$
13. Let $a+b+c=13$; $a^2+b^2+c^2=69$. Then $ab+bc+ca=$?
- (A) 20 (B) 30 (C) 40 (D) 50
14. Which of the following number is divisible by 7 ?
- (A) 41942 (B) 41944 (C) 41940 (D) 41946
15. If $a : b = 3 : 4$, $b : c = 7 : 9$, $c : d = 5 : 7$, $d : e = 12 : 5$. Then $a : e =$?
- (A) 1:1 (B) 5:12 (C) 3:2 (D) 5:11
16. A teacher driving his vehicle at 24 kmph, reaches her school 5 minutes late. If she had driven the vehicle 25% faster on an average she would have reached 4 minutes earlier than the scheduled time. How far is her school ?
- (A) 72 km (B) 36 km (C) 48 km (D) 18 km
17. Juice is sold in an aluminum can of cylindrical shape that measure 6 inches in height and 2 inches in diameter. How many cubic inches of juice are contained in a full can approximately ?
- (A) 12.0 (B) 15.4 (C) 18.8 (D) 113.0
18. At what angle the hands of a clock are inclined at 15 minutes past 5 ?
- (A) $62\frac{1}{2}$ degree (B) 65 degree (C) $66\frac{3}{4}$ degree (D) $67\frac{1}{2}$ degree

19. Chin and Chan together can complete a piece of work in 40 days while Chin alone can complete the same work in 60 days. Chan alone will be able to complete the same work in :
 (A) 90 days (B) 120 days (C) 60 days (D) 75 days
20. In a certain time ₹ 1200 becomes ₹ 1560 at 10% PA simple interest. Then the principal amount that will become ₹ 2232 at 8% PA in the same time is :
 (A) 1800 (B) 1860 (C) 1920 (D) 2000
21. Toxic substances enter into the food chains and accumulate on higher trophic levels. The phenomenon is called :
 (A) Cirrhosis (B) Algal Bloom
 (C) Biomagnification (D) Ascites
22. Which of the following is a mixed nerve ?
 (A) Optic nerve (B) Vagus nerve
 (C) Hypoglossal nerve (D) Trochlear nerve
23. The smallest and lightest bone in the human body :
 (A) Nasal bone (B) Incus (C) Mandible (D) Stapes
24. The vaccine used in pulse polio immunization campaign in India :
 (A) Salk vaccine (B) DPT vaccine
 (C) Pentavalent vaccine (D) DT vaccine
25. In a monohybrid cross, a heterozygous tall pea plant is crossed with a dwarf pea plant. Which type of progenies is formed in the F₁ generation ?
 (A) All are tall (B) All are dwarf
 (C) Both tall and dwarf (D) None of these
26. The elements which show variable valency :
 (A) inert gas (B) non metals
 (C) d block elements (D) s block elements
27. Which compound is called 'Carborundum' ?
 (A) Calcium carbide (B) Aluminium carbide
 (C) Boron carbide (D) Silicon carbide

28. The lens used to rectify the disease, 'Myopia' :
(A) Convex lens (B) Concave lens (C) Biconcave lens (D) Biconvex lens
29. The most abundant element in the earth crust is :
(A) Oxygen (B) Nitrogen (C) Hydrogen (D) Iron
30. The unit of acceleration is :
(A) m/s (B) m/s² (C) km/hour (D) m²/s
31. Who is the governor of Meghalaya ?
(A) Tathagata Roy (B) P. Sadasivam
(C) V. Shanmuganathan (D) Dr. Syed Ahmed
32. Best documentary film of 2015 Oscar 'Citizenfour' is directed by :
(A) Rosamund Pike (B) Reese Witherspoon
(C) Laura Poitras (D) Edward Snowden
33. Who won 'Man Booker Prize' 2015 ?
(A) Patrik Modiano (B) Richard Flanagan
(C) Laszlo Krasznahorkai (D) Arundhati Roy
34. Which city was the venue of 19th national youth festival 2015 ?
(A) Manipur (B) Guwahati (C) Delhi (D) Ranchi
35. Who is the CEO of Syndicate Bank ?
(A) Chanda Kochar (B) Sathya Nadella
(C) Arun Sreevasthava (D) Vishal Sikka
36. Who is the present chairman of public accounts committee ?
(A) K. M Mani (B) K. V Thomas
(C) Y. V Reddy (D) K. P Balachandran
37. What is India's rank in the global happiness index 2015 ?
(A) 158 (B) 116 (C) 117 (D) 120