1. Which statement is correct
   a) Discoveries are same as research
   b) Invention and research are related
   c) Research leads to discovery
   d) None of the above

2. What does 'sampling cases' mean
   a) Sampling using a sampling frame
   b) Identification of people who are suitable for research
   c) Literally, the researcher's brief-case
   d) Newspapers, Sampling people, television programmes

3. In order to augment the accuracy of the study a researcher
   a) Should be honest and unbiased
   b) Should keep the variance high
   c) Should increase the size of the sample
   d) All of these

4. Which of the following is not the characteristic of a researcher?
   a) He is industrious and persistent on the trial of discovery
   b) He is not versatile in his interest and even in his native abilities
   c) He is objective
   d) He is a specialist rather than a generalist

5. Seeing a very big turnout, it was reported that party X will win the election, the conclusion was based on
   a) Random sampling
   b) Purposive sampling
   c) Cluster sampling
   d) Systematic sampling

6. Research is based upon
   a) Scientific method
   b) Hit and trial
   c) General principles
   d) Attitude of the researcher

7. Survey study aims at (i) knowing facts about the existing situation (ii) comparing the present status with the standard norms (iii) identifying the means of improving the existing situation
   a) Only i is true
   b) Only ii is true
   c) Both i and ii are true
   d) Both ii and iii are true

8. Put the choices in the right sequence
   A competent teacher should have sound knowledge about
   a) Practice , concept , theory , research
   b) Concept , theory, practice, research
   c) Concept , Practice , theory , research
   d) Theory , Practice , concept , research

9. Research through experiment and observation is called
   a) Clinical Research
   b) Experimental Research
   c) Laboratory Research
   d) Empirical Research

10. "Doubt is often better than ………………"
   a) Belief
   b) Value
   c) Confidence
   d) Overconfidence

11. Please, don't laugh ___ the beggars.
   a) at
   b) for
   c) from
   d) against

12. Change the voice of the sentence – Our Colleague was given a gift when he retired
   a) Our Colleague gave us a gift when he retired
   b) Our Colleague was given us a gift when he retired
   c) Our Colleague gave a gift to the college when he retired
   d) We gave our colleague a gift when he retired

13. How much did it _____ to reach Mumbai by car?
   a) Charge
   b) Price
   c) Cost
   d) Estimate

14. Which spellings are correct
   a) Refrigerator
   b) Refriderater
   c) Refridgerator
   d) Referigerator

15. The shepherd was looking after the ……. of sheep.
   a) crew
   b) gang
   c) flock
   d) fleet

16. Choose the right meaning for the letters in bold

At a party, he is always in **high spirits**.

a) talkative

b) cheerful

c) drunk

d) uncontrollable

17. Which is the correct opposite for the letter in bold

The booking-clerk looked very **grumpy.**

a) surly

b) pleasant

c) efficient

d) honest

18. He sat

P : through the town hall park

Q : which flanked a path running

R : under the boughs

S : of a spreading tamarind tree

The proper sequence should be

a) PQSR

b) RSQP

c) RSPQ

d) PRSQ

19. Select the pair which has the same relationship as HOPE: ASPIRES

a) love : elevates

b) film: flam

c) fib : lie

d) fake : ordinary

20. Improve the sentence by changing the words in bold

The boy **told his teacher** to explain the passage.

a) asked his teacher

b) said to his teacher

c) invited his teacher

d) no improvement

21. If two-third of three-fourth of a number is 34, find the 20% of that number

a) 13

b) 13.6

c) 14

d) 14.6

22. Which of the following numbers is a prime number?

    a) 167
    b) 213
    c) 350
    d) 437

23. What is the percentage increase in the area of a rectangle, if each of its sides is increased by 20%

    a) 22
    b) 33
    c) 44
    d) 55

24. A man walked diagonally across a square lot. Approximately, what was the percent saved by not walking along the edges?

    a) 30
    b) 40
    c) 50
    d) 60

25. Find the area of a right-angled triangle whose base is 12 cm and hypotenuse is 13cm

    a) 30
    b) 40
    c) 50
    d) 60

26. A wheel makes 1000 revolutions in covering a distance of 88 km. Find the radius of the wheel.

    a) 11m
    b) 12m
    c) 12cm
    d) 14m

27. If the sum of the interior angles of a regular polygon is $720°$ then how many sides does it have?

    a) 5
    b) 6
    c) 7
    d) 8

28. The base of a triangle is half the base of a parallelogram having the same area as that of the triangle. The ratio of the corresponding heights of the triangle to the parallelogram will be

a) 1 : 4

b) 4 : 1

c) 2 : 1

d) 1 : 2

29. The area of a right angled triangle ABC, right angled at B, is 46 sq units. A median is drawn from A to BC which intersects at D. Find the area (in sq. units)of triangle ABD.

a) 11.5

b) 23

c) 30

d) 32

30. If the side of a square is increased by 20%, then what will be the percentage increase in its perimeter?

a) 10

b) 12.5

c) 15

d) 20

31. Look at this series: 53, 53, 40, 40, 27, 27, ... What number should come next?

a) 12

b) 13

c) 14

d) 15

32. Which word does NOT belong with the others?

a) book

b) index

c) glossary

d) chapter

33. Artist is to painting as senator is to

a) Attorney
b) Law
c) Politicians
d) Constituents

34. It is appropriate to compensate someone if you have damaged his or her property in some way. This is called **Restitution**. Which situation below is the best example of Restitution?

a) Jake borrows Leslie's camera and the lens shatters when it falls on the ground because he fails to zipper the case. When Jake returns the camera, he tells Leslie that he will pay for the repair.

b) Rebecca borrows her neighbor's car, and when she returns it, the gas tank is practically empty. She apologizes profusely and tells her neighbor she will be more considerate the next time.

c) Aaron asks Tom to check in on his apartment while he is out of town. When Tom arrives, he discovers that a pipe has burst and there is a considerable amount of water damage. He calls a plumber to repair the pipe.

d) Lisa suspects that the pothole in her company's parking lot caused her flat tire. She tells her boss that she thinks the company should pay for the repair.

35. **Statements:** Government has spoiled many top ranking financial institutions by appointing bureaucrats as Directors of these institutions.

Conclusions:

(i) Government should appoint Directors of the financial institutes taking into consideration the expertise of the person in the area of finance.

(ii) The Director of the financial institute should have expertise commensurate with the financial work carried out by the institute.

a) Only conclusion i follows

b) Only conclusion ii follows

c) Neither i nor ii follows

d) Both i and ii follow

36. QER, RDS, SCT, TBU, _____

a) UAV

b) UAT

c) TAS

d) TAT

37. Here are some words translated from an artificial language.
gorblflur means fan belt
pixngorbl means ceiling fan
arthtusl means tile roof
Which word could mean "ceiling tile"?

a) gorbltusl

b) flurgorbl

c) arthflur

d) pixnarth

38.

i. All the trees in the park are flowering trees.
ii. Some of the trees in the park are dogwoods.
iii. All dogwoods in the park are flowering trees.
If the first two statements are true, the third statement is

a) True
b) False
c) Uncertain
d) None of the above

39. Which is not associated with pain

a) hurt
b) burn
c) cut
d) Nuisance

40. Complete the series 42 40 38 35 33 31 28 ....
a) 25 22
b) 26 23
c) 26 24
d) 25 23

1	c	21	b
2	d	22	a
3	d	23	c
4	b	24	a
5	c	25	a
6	a	26	d
7	c	27	b
8	b	28	b
9	d	29	b
10	d	30	d
11	a	31	c
12	d	32	a
13	c	33	b
14	a	34	a
15	c	35	d
16	b	36	a
17	b	37	d
18	b	38	a
19	c	39	d
20	a	40	c