SSC COMBINED GRADUATE LEVEL (CGL) TIER-I EXAM, (FIRST SITTING) 16-08-2015) – PREVIOUS YEAR PAPER

GENERAL AWARENESS

1. The substrate of Photorespiration is :
   (1) Fructose
   (2) Pyruvic acid
   (3) Glycolate
   (4) Glucose

   Solution:3

2. In mountainous areas a natural cause for road blocks is often :
   (1) road repairs and construction
   (2) land slides
   (3) tree felling
   (4) traffic congestion

   Solution:2

3. Match the following :

I	II
A. Chlorophyll	1. Plant Disease
B. Nostoc	2. Photosynthetic
C. Transpiration	3. Diazotroph
D. Rust of wheat	4. Loss of water from plant surface

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

   Solution:3

4. Match the following :

I	II
Crops	**First in the world**
A Rice	1 Brazil
B Maize	2 Malaysia
C Rubber	3 China
D Sugarcane	4 U.S.A.

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

Solution:3

5. Movement of people from a village to a small town and later to a city is know as :
(1) intra-state migration
(2) step-wise migration
(3) inter-state migration
(4) forced migration

Solution:2

6. The purpose of choke in a fluorescent lamp is :
(1)to increase the current flow
(2) to decrease the current flow
(3) to decrease the resistance
(4) ro decrease the voltage momentarily

Solution:2

7. Headquarter of European Union (EU) is situated in :
(I) Paris (France)
(2) Munich (Germany)
(3) Brussels (Belgium)
(4) Milan (Italy)

Solution:3

8. The Thirteenth Pravasi Bhartiy Divas was held on 8th and 9th January 2015 at:
(1) Indore
(2) Bangaluru
(3) New Delhi
(4) Gandhinagar

Solution:4

Note: The Information Provided here is only for reference. It May vary the Original.

9. Who was the Nawab of Bengal during "Battle of Plassey"?
(1) Mir Jafar
(2) Mir Qasim
(3) Siraj-ud-duala
(4) None of these

Solution:4

10. In the case of deadlock between the two houses paraliament, the joint sitting is presided over by the :
(1) President
(2) Senior most member of Lok Sabha
(3) Speaker of Lok Sabha
(4) Vice President .

Solution:3

11. man Booker Prize for 2014 is awarded to :
(1) Arnrita Pritarn
(2) Shashi Tharoor
(3) Lech Walesa
(4) Richard Flanagan

Solution:4

12. The National Police Academy is located ay :
(1) Dehradun
(2) Hyderabad .
(3) Bangalore
(4) Abu Road

Solution:2

13. The mercury and sodium street lamps light up because of :
(1) Atomic emission
(2) Atomic absorption
(3) Electron emission
(4) Electron absorption

Solution:1

14. A person can jump higher on the moon's surface than on the earth because :
(1) the moon's surface is rough
(2) the acceleration due to gravity in moon is smaller than that on the earth.
(3) the moon is cooler than earth

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(4) the moon has no atmosphere

Solution:2

15. "Wall Street" is the name of the :
(1) Stock Exchange of New York
(2) Indian Township in Washington
(3) Super market in Mumbai
(4) Stock Exchange of kolkata

Solution:1

16. Kautilya's "Arthashastra" mainly deals with
(1) Political state craft
(2) Social aspects
(3) Economic doctrines
(4) Military aspects

Solution:1

17. Who of the following became a member of the "Din-iIlahi"?
(1) Todarmal
(2) Raja Birbal
(3) Raja Man Singh
(4) Tansen

Solution:2

18. Which one of the following is not a feature of Indifference Curve?
(1) They do not intersect each other
(2) They slope downwards to the right
(3) They are parallel to each other
(4) They are concave to each other

Solution:4

19. Which of the following refers to the white salt which covers the land in some areas during dry season?
(1) usar
(2) reh
(3) erg
(4) reg

Solution:2

20. The first Sultan of Delhi to issue regular currency and declare Delhi as the capital

of his empire was :
(1) Iltutmish
(2) Alam Shah
(3) Qutbuddin Aibak
(4) Balban

Solution:1

21. The soft silvery metalic element which ionizes easily when heated or exposed to light and is present in atomic clocks is :
(1) Cerium
(2) Cesium
(3) Calcium
(4) Califonrium

Solution:2

22. Which one of the following is an indigenously built light combat aircraft of India?
(1) Akash
(2) Vikrant
(3) Arjun
(4) Vikrant

Solution:4

23. Which of the following is not correct about Mahatma Gandhi?
(1) Gandhi advocated complete sepration of politics from religion.
(2) Gandhi believed in nonviolence
(3) Gandhi believed in nthe sanctity of means.
(4) Gandhi supported close relation between religion and politics.

Solution:1

24. The only AICC session Gandhiji presided was held at :
(1) Calcutta
(2) Madras
(3) Belgaum
(4) Lahore

Solution:3

25. The Indian Constitution provides the country with three categories of civil services, namely :
(1) all India, central and state services
(2) administrative, railway and police services

(3) administrative, police and revenue services
(4) administrative, police and foreign services

Solution:4

26. B-Diversity is also known as :
(1) Within habitat diversity
(2) Ecosystem diversity
(3) Global diversity
(4) Between habitat diversity

Solution:2

27. In a Database Managemnt System (DBMS), the content and the location of the data is defined by the .
(1) Multi Dimensional data
(2) Sequence data
(3) Meta data
(4) Sub data

Solution:3

28. Which one of these animals is jawless :
(1) Sphyrna
(2) Trygon
(3) Myxine
(4) Shark

Solution:3

29. Competition for food, light and space is most severe in:
(1) Distantly related species growing in different habitats
(2) Closely related species growing in the same area or niche
(3) Closely related species growing in different habitats
(4) Distantly related species growing in the same habitats

Solution:2

30. What is Amnesty International?
(1) An Animal Rights Protection Organization
(2) A peace Movement
(3) An Environment Protection Organization
(4) A Human Rights Organization

Solution:4

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31. Rotation of crops is essential :
(1) For increasing the quantity of minerals.
(2) For decreasing the quantity of proteins.
(3) For getting different kinds of crops.
(4) For increasing fertility of the soil.

Solution:4

32. Catalytic converters are generally made from :
(1) Alkaline metals
(2) Hydrogen
(3) Transition metals
(4) Carbon

Solution:3

33. The green colour seen in firework displays is due to the chloride salt of :
(1) Sodium
(2) Strontium
(3) Barium
(4) Calcium

Solution:3

34. The difference in the value of visible exports and visible imports is called :
(1) Balance Sheet of items
(2) Balance of Payments
(3) Balance of Trade
(4) Balance of Account

Solution:3

35. Which of the following country has the longest overland tunnel?
(1) Germany
(2) Switzerland
(3) Spain
(4) France

Solution:2

36. Addition oxcessive amounts of heat to a lake is referred to as :
(1) Refrigeration effect
(2) Green House effect
(3) Thermal pollution
(4) Heat Bloom

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Solution:3

37. The apparent weight of a man in a lift is less the real weight when :
(1) the lift is going up with an acceleration
(2) the lift is going down with uniform speed
(3) the lift is going up with uniform speed
(4) the lift is going down with an acceleration

Solution:4

38. The remedies to soil erosion are :
I. Contour bunding
II. Regulation of land use
III. Cutting of trees
IV. Allowing grazing of animals
(1) I, III
(2) I, II
(3) III, IV
(4) II, III

Solution:2

39. Afla toxins are produced by
(1) Bacteria
(2) Algae
(3) Viruses
(4) Fungi

Solution:4

40. What according to Communism is the chief enemy of the society?
(1) Private property
(2) Religion
(3) Surplus value
(4) Capitalist class

Solution:1

41. Which one of the following is the infective stage of the Malarial Parasite?
(1) schigozoite
(2) trophozoite
(3) sporoblast
(4) sporozoite

Solution:4

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42. Jaspal Rana is the name associated with which of the following games :
(1) Shooting
(2) Weight lifting
(3) Boxing
(4) Archey

Solution:1

43. One of the regions that receives rainfall from the North-Easterly monsoon is :
(1) West Bengal
(2) Assam
(3) Kerala
(4) Tamil Nadu

Solution:4

44. The author of the book "Zest for Life" is :
(1) Emile Zola
(2) H.G. Walls
(3) Virginia Wolf
(4) Mark Twain

Solution:1

45. When income increase, consumption also increases :
(1) in a lower proportion
(2) in a higher proportion
(3) in the same proportion
(4) None of the options

Solution:1

46. Rainbows are produced when sunlight :
(1) Incident on rain drops hanging in the atmosphere is dispersed after suffering refraction
(2) Incident on rain drops hanging in the atmosphere is dispersed after suffering refraction and internal reflection.
(3) Incident on raindrops hanging in the atmosphere is dispresed after suffering reflection.
(4) None of the given statements is correct.

Solution:2

47. From the national point of view which of the following indicates Micro Approach?
(1) Per capita income in India

(2) Study of sales of TISCO
(3) Inflation in India
(4) Educated Unemployment in India

Solution:2

48. Ecosystem consists of :
(1) A biotic community and its non-living elements
(2) Population
(3) A population and its nonliving elements
(4) A biotic community

Solution:1

49. What is the speciality of WINDOWS-NT?
(1) supports real-time processing
(2) supports LAN and WAN
(3) supports Batch processing
(4) supports multi-processing

Solution:4

50. Which of the following comes under the jurisdiction of both the High Court and the Supreme Court?
(1) Disputes between the states inter se
(2) Protection against the violation of the Constitution
(3) Protection of Fundamental Rights
(4) Disputes between Centre and the States

Solution:3

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ENGLISH COMPREHENSION

Directions (1-5) : In the following questions, you have a brief passage with 5 questions following the passage. Read the passage carefully and choose the best answer to each question out of the four alternatives.

PASSAGE

True, it is the function of the army to maintain law and order in abnormal times. But in normal times there is another force that compels citizens to obey laws and to act with due regard to the rights of others. The force also protects the lives and properties of law abiding men. Laws are made to secure the personal safety of its subjects and to prevent murder and crimes of violence. They are made to secure the property of the citizens against theft and damage and to protect the rights of communities and castes to carry out their customs and ceremonies, so long as they do not confict with the rights of others. Now the good citizen, of his own free will obeys these laws and he takes care that everything he does is done with due regard to the rights and well being of others.
But the bad citizen is only restrained from breaking these laws by fear of the consequence of his action. Andthe necessary steps to compel the bad citizen to act as a good citizen are taken by this force. The supreme control of law and order in a state is in the hands of a Minister, who is responsible to the state Assembly and acts through the Inspector General of Police.

1. Which of the following statements is not implied in the passage ?
   (1)The forces of law help to transform irresponsible citizens into responsible ones.
   (2) Law protects those who respect it
   (3) Law ensures people's religious and social rights absolutely and uncoditionally.
   (4) A criminal is deterred from committing crimes only for fear of the law

   Solution:3

2. The expression "customs and ceremonies" means :
   (1) fairs and festivals
   (2) supersitions and formalities
   (3) habits and traditions
   (4) usual practices and religious rites

   Solution:4

3. They are made to secure the property of citizens against theft and damage" means that the law :
   (1) helps in recovering the stolen property of the citizens.
   (2) safeguards people's possessions against being stolen or lost.
   (3) initiates process against offenders of law.

(4) assists the citizens whose property has been stolen or destroyed.

Solution:2

4. Which one of the following statement is implied in the passage ?
(1) Criminals, who flout the law, are seledom brought to book
(2) The police check the citizens, whether they are good or bad, from violating the law.
(3) The police hardly succeed in converting bad citizens into good ones.
(4) Peaceful citizens seldom violate the law

Solution:2

5. According to the writer, which one of the following is not the responsibility of the police ?
(1) To protect the privileges of all citizens.
(2) To maintain peace during extraordinary circumstances.
(3) To ensure peace among citizens by safeguarding individual rights.
(4) To check violent activities of citizens.

Solution:2

Directions (6-12) : In the following questions, out of the four alternatives, choose the one which can be substituted for the given words/sentence.

6. A study of ancient things.
(1) Physiology
(2) Archaeology
(3) Ethnology
(4) Zoology

Solution:2

7. A person who deserves all praise.
(1) detestable
(2) lovable
(3) despicable
(4) laudable

Solution:4

8. One who is skillful.
(1) disciplined
(2) diligent
(3) different
(4) dexterous

Solution:4

9. One who runs away from justice or the law.
(1) Smuggler
(2) Criminal
(3) Figitive
(4) Thief

Solution:3

10. Of one's own free will.
(1) mandatory
(2) obligatory
(3) voluntary
(4) compulsory

Solution:3

11. One who is too careless to plan for the future.
(1) imprudent
(2) impractical
(3) impotent
(4) improvident

Solution:4

12. One who has long experience.
(1) novice
(2) expert
(3) veteran
(4) practitioner

Solution:3

Directions (13-17) : In the following questions, some parts of the sentences have errors and some are correct. Find out which part of a sentence has an error. The number of that part is the answer. If a sentence is free from error, your answer is No error.

13. Who do you think I met ?
(1) Who
(2) No error
(3) do you think
(4) I met ?

Solution:1

14. Just outside my house are a playground for school boys and girls.
(1) Just outside my house
(2) are a playground
(3) No error
(4) for school boys and girls

Solution:2

15. He can be a basketball player since he is tall like a mule.
(1) He can be
(2) he is tall like a mule
(3) No error
(4) a basketball player since

Solution:2

16. It is not advisable to take heavy luggages while on a journey.
(1) to take heavy luggages
(2) while on a journey
(3) No error
(4) It is not advisable

Solution:1

17. A bird in the tree is worth two in the bush.
(1) A bird in the tree
(2) two in the bush.
(3) No error
(4) is worth

Solution:1

Directions (18-20) : In the following questions, choose the word opposite in meaning to the given word.

18. Placid
(1) urgent
(2) dull
(3) moving
(4) stormy

Solution:4

19. VACILLATION
(1) steadfastness
(2) relief

(3) inoculation
(4) remorse

Solution:1

20. Effeminacy
(1) aggressiveness
(2) attractiveness
(3) manliness
(4) boorishness

Solution:3

Directions (21-30) : In the following questions, a sentence/ part of the sentence is printed in bold. Below are given alternatives to the bold sentence/part of the sentence, which may improve the sentence. Choose the correct alternative. In case no improvement is needed, your answer is No improvement.

21. If I **will get** an opportunity, I shall attend the seminar.
(1) get
(2) got
(3) No Improvement
(4) shall get

Solution:1

22. Both the teams **played the game fairly**.
(1) No Improvement
(2) played a fair game
(3) played fairly the game
(4) fairly played the game

Solution:2

23. She could not help **but laugh**.
(1) but laughing
(2) laughter
(3) No Improvement
(4) laughing

Solution:3

24. We met yesterday, **haven't we** ?
(1) didn't we ?
(2) No Improvement
(3) hadn't we ?

(4) isn't it ?

Solution:1

25. **I took my mother some grapes** when she was in hospital.
(1) I took for my mother some grapes.
(2) I brought my mother some grapes
(3) I took some grapes for my mother
(4) No Improvement

Solution:3

26. The others **shook** their heads and made vague noises of approval.
(1) hung
(2) turned around
(3) No Improvement
(4) nodded

Solution:4

27. She **insisted on** she was innocent.
(1) insisted on that
(2) No Improvement
(3) insisted that
(4) insisted with

Solution:3

28. The world is **being faced with** a crisis
(1) confronted
(2) in front of
(3) No Improvement
(4) facing

Solution:4

29. You must **endure** what you cannot cure.
(1) accept
(2) suffer
(3) prevail
(4) No Improvement

Solution:4

30. He does not laugh, **nor he smiles**.
(1) nor he does smile

(2) neither he does smile
(3) nor does he, smile
(4) No Improvement

Solution:3

Directions (31-32) : In the following questions, four words are given in each question, out of which only one word is correctly spelt. Find the correctly spelt word.

31. (1) Deffusion
(2) Delusion
(3) Diffussion
(4) Diffusion

Solution:4

32. (1) Circumlocution
(2) Circumlocation
(3) Circurnlocu ben
(4) Ciremlocution

Solution:1

Directions (33-37) : In the following questions, four alternatives are given for the Idiom/ Phrase printed In **bold** in the sentence. Choose the alternative which best expresses the meaning of the Idiom/Phrase.

33. Instead of keeping his promise of helping me with office work, he just **left me high and dry.**
(1) left me without a drop of water
(2) left me in a state of anger
(3) left me alone to do the work
(4) left me feeling like a fool

Solution:3

34. Unless you **make amends for** the loss, nobody is prepared to excuse you.
(1) improve
(2) confess
(3) compensate
(4) pay debt

Solution:3

35. Before the report reached the authority, the media **spilled the beans**.
(1) hinted at the consequences.

(2) dropped the charges
(3) spilled the content of the package
(4) revealed the secret information

Solution:4

36. Amit said to Rekha, **"Don't make a mountain out of a mole hill."**
(1) exaggerate a minor problem
(2) attempt an impossible task
(3) create problems
(4) start looking for mole hills in mountains.

Solution:1

37. His friend turned out to be **snake in the grass.**
(1) cowardly and brutal
(2) a hidden enemy
(3) an unreliable and deceitful person
(4) low and mean

Solution:3

Directions (38-40) : In the following questions, out of the four alternatives, choose the one which best expresses the meaning of the given word.

38. PERUSE
(1) Read
(2) Argue
(3) Follow
(4) Reduce

Solution:1

39. SPUME
(1) Spit
(2) poison
(3) Lava
(4) foams

Solution:4

40. BOARD
(1) Food
(2) Furniture
(3) Lodging
(4) Frame

Solution:1

Directions (41-45) : In the following questions, you have a brief passage with 5 questions following the passage. Read the passage carefully and choose the best answer to each question out of the four alternatives.

PASSAGE

Journalists argue over functions of a newspaper. I feel that a provincial paper's purpose is not only to present and project the news objetively and imaginatively, but to help its readers to express themselves more effectively, canalizing their aspirations, making more articulate their demands. A newspaper should reflect the community it serves – warts and all. When the mirror is held to society it reveals neglect, injustice, ignorance or complacency. It should help to eradicate them. It would be pretentious to think that a newspaper can change the course of world affairs – but at the local limit it can exert influence, it can probe, it can help get things done. The individual's voice must not be stifled. Instead, the readers should be encouraged to express their opinions, fears, hopes, and their grievances on this platform.

41. How can a newspaper influence local affairs ?
(1) By focusing on world affairs.
(2) By influencing public opinion through half truths.
(3) By encouraging the readers to accept their grievances.
(4) By probing intp the ills of society and rallying support for change.

Solution:4

42. How can the readers air their grievances 7
(1) By writing to journalists.
(2) By supporting the local newspaper
(3) By writing to their local newspaper
(4) By being complacent

Solution:3

43. In this passage the writer highlights the fact that :
(1) Journalists differ in their opinion on the function of a newspaper
(2) A newspaper should reflect the conimunity it serves.
(3) A newspaper should only concentrate on local affairs.
(4) Newspaper can eradicate injustice.

Solution:2

44. The expression "warts and all" in the passage means :
(1) hopes and fears

(2) with no attempt to conceal blemishes and inadequacies
(3) the community's problems
(4) the reader's grievances

Solution:4

45. What is the main purpose of a newspaper ?
(1) Encourage the readers to be pretentious.
(2) Project news objectively and imaginatively.
(3) To present facts in a blunt-way
(4) Exert influence on the individuals.

Solution:4

Directions (46-50) : In the following questions, sentences are given with blanks to be filled in with an appropriate word(s). Four alter natives are suggested for each question. Choose the correct alternative out of the four as your answer.

46. The police fired on the mob when they .....
(1) turned violent
(2) fizzled out
(3) became abusive
(4) turned noisy

Solution:1

47. He has the full facts .....but is deliberately hiding them.
(1) up his sleeve
(2) under his sleeveS
(3) upon his sleeves
(4) in his sleeves

Solution:1

48. The appearance of the city .....day by day.
(1) changed
(2) is changing
(3) had changed
(4) could change

Solution:2

49. When the morning .....the murder was discovered.
(1) arrived
(2) came
(3) occurred

(4) happened

Solution:1

50. The smell of the Sea called..... memories of her child-hood.
(1) for
(2) back
(3) up
(4) on

Solution:3

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SSC COMBINED GRADUATE LEVEL (CGL) TIER-I EXAM, (FIRST SITTING) 16-08-2015) – PREVIOUS YEAR PAPER

GENERAL INTELLIGENCE & REASONING

Directions (1-2) : In each of the following questions, one or two statements isjare given followed by two conclusions /assumptions, I and II. You have to consider the statement to be true, even if it seems to be at variance from commonly known facts. You are to decide which of the given conclusions/assumptions can definitely be drawn from the given statement.

1. **Statement** : A good book even if costly is sold out in no time.
   Assumptions :
   I. Some books are better than others.
   II. All good books are costly.
   (1) Only II follows.
   (2) Both I and II follows.
   (3) Only I follows.
   (4) Neither I nor II follows.

   Solution:4
   (4) None of the assumptions is implicit in the statement.

2. **Statements** : No rod is pod. No pod is flexible.
   Inferences :
   I. No rod is, flexible.
   II. Some pods are flexible.
   (1) Neither of them follows.
   (2) Only inference I follows.
   (3) Both of them follow.
   (4) Only inference II follows.

   Solution:1
   (1) Neither Inference I nor II follows. Both the Premises are Universal Negative (E-type). No Conclusion/Inference follows from the two Negative Premises.

3. Ravi is walking in the East direction. After covering a distance of one kilometre, he turns 45° left and then 90° right. In which direction is he now?
   (1) North-East
   (2) West

(3) North-West
(4) North

Solution:1

3. (1)

Directions (4-9) : In each of the following questions, find the odd word/letters/number from the given alternatives.

4. (1)B S
(2)E V
(3) I Z
(4) D X

Solution:4

(4) $B \xrightarrow{+17} S$

$E \xrightarrow{+17} V$

$I \xrightarrow{+17} Z$

$D \xrightarrow{+20} X$

5. (1) OKRA
(2) ERKU
(3) ANDI

(4) PERU

Solution:4

5. (4)

$O \xrightarrow{-4} K \xrightarrow{-3} H \xrightarrow{-7} A$

$E \xrightarrow{+13} R \xrightarrow{-7} K \xrightarrow{+10} U$

$A \xrightarrow{+13} N \xrightarrow{-10} D \xrightarrow{+5} I$

$P \xrightarrow{-11} E \xrightarrow{+13} R \xrightarrow{+3} U$

PERU is a name of South American country.

6. (1) 1331
(2) 191
(3) 200
(4) 808

Solution:1

(1) The number 1331 is a perfect cube number.
$11 \times 11 \times 11 = 1331$

7. (1) Legislator
(2) Lawyer
(3) Mayor
(4) Governor

Solution:2

(2) Legislator and Mayor are elected representatives of people. Governor is appointed by the President.
Lawyer is a person who pleads in the court.

8. (1) 37
(2) 120
(3) 145
(4) 50

Solution:2

(2) Except the number 120, all other numbers follow the pattern $x^2 + 1$

$37 = (6)^2 + 1$
$145 = (12)^2 + 1$
$50 = (7)^2 + 1$
But, $120 = 11 \times 11 - 1$

9. (1) Parallel
(2) Acute
(3) Obtuse
(4) Right

Solution:1
(1) Except parallel, all other terms are related with angles

Directions (10-14) : In each of the following questions, select the missing number from the given responses.

10.

(1) 90
(2) 12
(3) 48
(4) 16

Solution:1

(1) The product of outer four numbers is equal to the central number.
First Figure
$1 \times 3 \times 4 \times 5 = 60$
Second Figure
$6 \times 7 \times 1 \times 2 = 84$
Third Figure
$3 \times 10 \times 3 \times 1 = \boxed{90}$

Note: The Information Provided here is only for reference. It May vary the Original.

11.

(1) 535
(2) 451
(3) 154
(4) 702

Solution:3

(3) First arrangement

$6 + 4 + 3 + 1 + 5 + 0 = 19$

$\Rightarrow 19 \times 7 = 133$

Second arrangement

$2 + 5 + 3 + 4 + 6 + 8 = 28$

$\Rightarrow 28 \times 7 = 196$

Third arrangement

$1 + 5 + 7 + 3 + 4 + 2 = 22$

$\Rightarrow 22 \times 7 = 154$

12.

(1) -12
(2) 9
(3) 7
(4) 12

Solution:1

(1) First Figure

$2 \times 2 \times 3 = 12$

Second Figure

$2 \times 3 \times 5 = 30$

Third Figure

$5 \times 1 \times (-1) = -5$

Fourth Figure

$4 \times 3 \times (-1) = -12$

13.

(1) 1321
(2) 1231
(3) 1332
(4) 1331

Solution:4

(4) 4 × 4 × 4 = 64
7 × 7 × 7 = 343
11 × 11 × 11 = 1331

14. I. 40 32 72 12
II. 30 24 54 9
III. 54 ? 90 15
(1) 46
(2) 49
(3) 48
(4) 36

Solution:4

(4) First Row

$40 + 30 = 72$

And, $\frac{72}{6} = 12$

Second Row

$30 + 24 = 54$

And, $\frac{54}{6} = 9$

Third Row

$54 + ? = 90$

$\Rightarrow ? = 90 - 54 = 36$

And, $\frac{90}{6} = 15$

Directions (15-20) : In each of the following questions, select the related word/letters/number from the given alternatives.

15. FIG : EGHJFH : : BIN : ?
(1) ACJHMO
(2) CAHJMOC
(3) CAJHOM
(4) ACHJMO

Solution:4

15. (4)

Similarly,

16. Garbage : House : : Gangue : ?
(1) Ore
(2) Drugs
(3) Factory
(4) Office

Solution:1

(1) Garbage is domestic waste material. Similarly, Gangue is waste material of ore.

17. 6 : 42 : : 7 : ?
(1) 40
(2) 56
(3) 48
(4) 52

Solution:2

(2) $6 \times (6 + 1)$
$\Rightarrow 6 \times 7 = 42$
Similarly,
$7 \times (7 + 1)$
$\Rightarrow 7 \times 8 = 56$

18. 12 : 72 : : 8 : ?
(1) 38
(2) 38
(3) 40
(4) 32

Solution:4

(4) $12 \times \frac{12}{2} = 72$

Similarly,

$8 \times \frac{8}{2} = 32$

19. DBU:EEZ::CJH:?
(1)D N N
(2) D M N
(3) D M M
(4) D N M

Solution:3

19. (3)

Similarly,

20. BLOCKED : YOLXPVW : ? : OZFMMXS
(1) RESULTS
(2) DEBATES
(3) LAUNNCH
(4) LABOURS

Solution:3

20. (3)

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Pairs of opposite letters.

21. Two positions of a dice are shown below. When three is at the top what number will be at the bottom ?

(1) 2
(2) 1
(3) 4
(4) 5

Solution:4
21. (4) Six dots are on the face adjacent to one dot, three dots, four dots and five dots. So, two dots lie opposite six dots. If we rotate the first dice downward two times, we get the second dice. So, five dots lie opposite three dots.

22. From the given alternative words, select the word which cannot be formed using the letters of the given word. 'BOOKBINDING'
(1) DINING
(2) BONDING
(3) DOING
(4) DIGGING

Solution:4

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22. (4) There is only one 'G' in the given word. Therefore, the word DIGGING cannot be formed.

BOOKB [INDING] ⇒ DINING

[BO] OKBI [NDING] ⇒ BONDING

BO [O] KBIN [DING] ⇒ DOING

23. If a mirror is placed on the line MN, them which of the answer figures is the right image of the given figure?

Question Figure :

Answer Figures:

(1) (2) (3) (4)

Solution:2

(2)

Directions (24-25) : In each of the following questions, which answer figure will complete the pattern in the question figure?

24. Question Figure :

Note: The Information Provided here is only for reference. It May vary the Original.

Answer Figures;

(1) (2) (3) (4)

Solution:3

(3)

25. Question Figure :

Answer Figures :

(1) (2) (3) (4)

Solution:1

(1)

26. Find the number that is common for all of the clues given below :

(a) Virgo

(b) Volleyball

(c) A highest scoring shot of a particular sport

(d) Extra sensory perceptions

(1) 8

(2) 2

(3) 6

Note: The Information Provided here is only for reference. It May vary the Original.

(4) 4

Solution:3

(3) The zodiac sigh virgo comes at the sixth place.

The number of players in a side in volleyball game = 6

A six is the highest score on a ball in the game of cricket. Extra sensory perception is referred to as sixth sense

27. If the words are organised in reverse order of what they appear in dictionary, which word will come in the third place.

(1) Odium

(2) Ordeum

(3) Occulist

(4) Odious

Solution:4

(4) Reverse order of words :

(2) Ordeum

↓

(1) Odium

↓

(4) Odious

↓

(3) Occulist

Directions (28-29) : In each of the following questions, identify the diagram that best represents the relationship among classes given below :

28. Christians, Catholics, Pope

(1) (2) (3) (4)

Solution:2

- (2) Pope is the highest authority of any stream of christianity. Catholics represent one of the groups of Christians.

29. Vegetables, Potatoes, Eatables

(1) (2) (3) (4)

Solution:1

- (1) Potato comes under the class vegetables. Vegetables are eatables.

30. Veena arid Veeru both start from a point towards North. Veena turns to left after walk'- ing 10 km. Veeru turns to right after walking the same distance. Veena waits for some time and then walks another 5 km. Whereas Veeru walks only 3

km. They both then return towards South and walk 15 km. forward. How far is Veena from Veeru?

(1) 8 km.
(2) 15 km.
(3) 12 km.
(4) 10 km.

Solution:1

30. (1)

Required distance = (5 + 3) km.
= 8 km.

31. A piece of paper is folded and cut as shown below in the question figure. From the given answer figures, indicate how it will appear when opened.

Question Figure :

Answer Figures :

(1) (2) (3) (4)

Solution:3

(3)

32. Arrange the following words as per order in the dictionary.
(1) Hale
(2) Hake
(3) Halt
(4) Hamlet
(5) Ham
(1)2, 1,4, 3, 5
(2) 2, 3, 5, 4, 1
(3) 2, 1, 3, 5, 4
(4) 1, 3, 5,2, 4

Solution:3

(3) Arrangement of words as per dictonary :

2. Hake
↓
1. Hale
↓
3. Halt
↓
5. Ham
↓
4. Hamlet

33. Name a single letter, which can be deleted from the body of the following words to form entirely new words?
HOST POST COST LOST STOP
(1) O
(2) P
(3) T
(4) S

Solution:4

(4) HOST ⇒ HOT
POST ⇒ POT
COST ⇒ COT
LOST ⇒ LOT
STOP ⇒ TOP

Directions (34-36) : In each of the following questions, which one set of letters/numbers when sequentially placed at the gaps in the given letter series shall complete it?

34. SH _ ELAS _ EELA _ HEELA SHEE _ A
(1) HHSS
(2) EEHS
(3) EHSL
(4) ELHA

Solution:3

(3) S H [E] E L A/S [H] E E

L A/ [S] H E E L A/

S H E E [L] A

35. 12 _ 41 _ 34123 __ 234
(1) 3241
(2) 2134
(3) 1432
(4) 3212

Solution:1

(1) 1 2 [3] 4/1 [2] 3 4/

1 2 3 [4] / [1] 2 3 4

36. aba _ ba _ ab
(1) abbab
(2) baabb

(3) abbbb
(4) bbaba

Solution:1

(1) $\boxed{a}$ $\boxed{b}$ a b a $\boxed{b}$ /

$\boxed{a}$ b a $\boxed{b}$ a b

37. Find the missing number :
2, 15, 10, 17, 26, ?
(1) 49
(2) 47
(3) 37
(4) 36

Solution:3

. **(3)**

2 5 10 17 26 $\boxed{37}$

+3 +5 +7 +9 +11

+2 +2 +2 +2

38. In the question one part of the problem figure is subtracted. Select the option that shows the correct shape by the subtraction.
Question Figure :

Answer Figures :

(1) (2) (3) (4)

Solution:4

(4)

39. Find out the number of circles in the given figure.

(1) 18
(2) 19
(3) 16
(4) 20

Solution:2

39. (2)

40. From the given answer figures, select the one in which the question figure is hidden/embedded.

Question Figure :

Answer Figure :

(1) (2) (3) (4)

Solution:3

(3)