

SEBI Grade A Phase 1 Memory Based Paper

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1. Who becomes the first women chairman and managing director of Oil and Natural Gas Corporation (ONGC)?

- A. Alka Mittal
- B. Vini Mahajan
- C. Soma Mondal
- D. Radhika Jha
- E. Leena Nair

2. What is India's position in Henley Passport Index 2022?

- A. 49th
- B. 89th
- C. 83rd
- D. 108th
- E. None of the above/More than one of the above

3. As per Economic Survey of 2021-22, which of the following sector has been the least impacted by the Covid-19 outbreak?

- A. Agriculture
- B. Industry
- C. Services
- D. Manufacturing
- E. Food Processing

4. _____ Edition of the Winter Olympic in Beijing has taken place in 2022?

- A. 21st
- B. 22nd
- C. 23rd
- D. 24th
- E. 25th

5. Senegal won its first African Cup of Nations title by beating _____

- A. Egypt
- B. Cameroon
- C. Ghana
- D. South Africa
- E. None of these

6. How much money has been allocated for the health sector in the Union Budget 2022-23?

- A. Rs. 86,200.65 crore
- B. Rs. 6,200 crore
- C. Rs 200.55 crore
- D. Rs. 5000.25 crore
- E. Rs. 4000.25 crore

7. Who has authored the book titled "Atal Bihari Vajpayee", the biography on the former Prime Minister of India?

- A. Chetan Bhagat
- B. Jhumpa Lahir
- C. Vikram Seth
- D. Sagrika Ghose
- E. R. K. Narayan

8. India and Bangladesh have decided to celebrate 'Maitri Diwas' on which date _____.

- A. 4th July
- B. 6th December
- C. 7th January
- D. 10th September
- E. None of these



9. Which is the world's largest oil company?

- A. Saudi Aramco
- B. Alliance Oil Co. Ltd.
- C. Baker Hughes Inc.
- D. Core Laboratories
- E. HollyFrontier Corp.

10. India decided to achieve 500 GW renewable energy capacity by which year?

- A. 2027
- B. 2026
- C. 2025
- D. 2030
- E. 2023

11. As per Commerce ministry, India set to achieve 650 billion exports target in 2021-22. What will be merchandise exports target?

- A. \$400 billion
- B. \$250 billion
- C. \$350 billion
- D. \$450 billion
- E. \$150 billion

12. What is the full form of POEM?

- A. Post Open Earning Management
- B. Past of Earning Management
- C. Practice of Evolution Money
- D. Place of Effective Management
- E. None of these

13. Lakshadweep comprises a total of how many islands.

- A. 20
- B. 25
- C. 35
- D. 36
- E. 40

14. Downstream speed of a boat is 50% more than the upstream speed. A man goes 48 km upstream and 36 km downstream in total 6 hours. Find the downstream speed.

- A. 15 km/h
- B. 12 km/h
- C. 18 km/h
- D. 24 km/h
- E. None of these

15. Three persons A, B and C start a business in partnership. Amount invested by B is thrice that of C while amount invested by A is half of the amount invested by B. Ratio of time period of investment of A, B and C is 1 : 2 : 3. If difference in the profit shares of A and C is Rs. 1410, what is the profit share of B?

- A. Rs. 4280
- B. Rs. 5640
- C. Rs. 6350
- D. Rs. 5720
- E. Rs. 4860



16. Ratio of milk and water in a mixture is 25 : 2 . 27 litres of mixture is withdrawn and then 35 litres of milk is added to the mixture. If the final quantity of milk in the mixture is 15 times the quantity of water in the mixture, find the quantity of milk in the initial mixture.

- A. 210 litres
- B. 150 litres
- C. 240 litres
- D. 200 litres
- E. 180 litres

Direction: (17-19) Study the following information carefully and answer the given questions.

The given below tables shows the number of black & white prints and coloured prints taken on five printers-A, B, C, D and E. It also shows the ratio of number of coloured and black & white prints taken on these five printers.

Printer	No. of prints (black & white + coloured)	Coloured : Black & White
A	200	2 : 3
B	300	3 : 2
C	420	3 : 4
D	360	5 : 7
E	280	2 : 5

17. How many coloured prints are taken from printer C?

- A. 240
- B. 200
- C. 210
- D. 150
- E. 180

18. What is the average number of black & white prints taken from printer A, B and D?

- A. 150
- B. 210
- C. 120
- D. 80
- E. None of these

19. What is the difference of number of black & white prints taken on printer E and coloured prints taken on printer B?

- A. 50
- B. 20
- C. 60
- D. 30
- E. 25

Direction: Study the following information carefully and answer the given questions.

There are a certain number of people sitting in a linear row and facing north. Three people sit between A and B who sit to the immediate right of D . The number of people sit between A and D is same as the number of people sit between A and E. Four people sit between E and F who doesn't sit adjacent to D . F sits to the immediate right of G. J sits exactly between G and E. Five people either



sit to the right or to the left of J. M sits third to the right of B. M sits at fifth position either from the left or right. Three people sit between M and N who don't sit second to the left of E .

20.

How many people sit in the row?

- A. Twenty
- B. Twenty three
- C. Twenty one
- D. Twenty two
- E. None of these

Direction: Study the following information carefully and answer the given questions.

There are a certain number of people sitting in a linear row and facing north. Three people sit between A and B who sit to the immediate right of D . The number of people sit between A and D is same as the number of people sit between A and E. Four people sit between E and F who doesn't sit adjacent to D . F sits to the immediate right of G. J sits exactly between G and E. Five people either sit to the right or to the left of J. M sits third to the right of B. M sits at fifth position either from the left or right. Three people sit between M and N who don't sit second to the left of E .

21. What is the position of A with respect to N?

- A. Eleventh to the left
- B. Tenth to the left
- C. Tenth to the right
- D. Eleventh to the right
- E. None of these

Direction: Study the following information carefully and answer the given questions.

There are a certain number of people sitting in a linear row and facing north. Three people sit between A and B who sit to the immediate right of D . The number of people sit between A and D is same as the number of people sit between A and E. Four people sit between E and F who doesn't sit adjacent to D . F sits to the immediate right of G. J sits exactly between G and E. Five people either sit to the right or to the left of J. M sits third to the right of B. M sits at fifth position either from the left or right. Three people sit between M and N who don't sit second to the left of E .

22. Who amongst the following sits at fifteenth position from the left end?

- A. B
- B. D
- C. A
- D. E
- E. None of these



23. How many such pairs of digits are there in the number '85136427' which have as many digits between them as they have in numerical series (in forward and backward both directions)?

- A. Two
- B. Three
- C. Four
- D. More than Four
- E. None

24. In economics, Oligopoly implies:

- A. Competition among few firms
- B. Absence of competition
- C. Competition among many firms
- D. Perfect competition

25. Which of the following statements is correct with respect to transformational leader?

- A. Someone who is involved in changing organisation.
- B. Deals with subordinates in a way to get things done in their own way.
- C. A leader who inspires the workers to new levels by offering them a vision of a better future.
- D. A leader who tries to transform their staff by giving them rewards for what they do.
- E. All of these

26. Which of the following is not true about Total Quality Management?

A. Total quality management (TQM) is an approach in which all the company's people are involved in constantly improving the quality of products, services.

B. In the narrowest sense, quality can be defined as freedom from defects.

C. Quality has an indirect impact on product or service performance

D. The fundamental aim of today's total quality movement has become total customer satisfaction.

E. All the above statements are true

27. What is the difference between morale and motivation?

A. Motivation motivates whereas Morale inspires

B. Motivation Inspires whereas Morale Motivates

C. Motivation is group concept whereas Morale is an Individual Concept

D. Motivation is an Individual concept whereas Morale is a group Concept

E. None of the above

28. Which of the following is **NOT** a function of management?

A. Financial Management

B. Purchasing Management

C. Maintenance Management

D. Departmental Management

E. Personnel Management



29. As per section 47 of the Company Act 2013, every shareholder of a company shall have a right to vote on every resolution placed before the company. What proportion his voting right on a poll shall be in proportion to _____.

- A. His share in the paid-up equity share capital of the company
- B. His share in the issuing equity shares at discount
- C. His share in the writing off expenses on issue of shares
- D. His share in the issuing bonus shares to the members of the company
- E. None of the above

30. Penalties for directors if the dividend is not paid within 30 days as per provisions of Companies Act 2013?

- A. Rs. 5000 for every day during which such default continues
- B. Rs. 1,000 for every day during which such default continues
- C. Rs. 2,000 for every day during which such default continues
- D. Rs. 3,000 for every day during which such default continues
- E. Rs. 5,000 for every day during which such default continues

31. Which of the following is not a main type of cost?

- A. Direct cost

- B. Indirect cost
- C. Fixed cost
- D. Variable cost
- E. Operating cost

32. Quorum of directors to attend meeting is _____.

- A. 1/3rd of the total number of directors or 2 directors whichever is the higher number
- B. 1/4th of the total number of directors or 2 directors whichever is the higher number
- C. 2/3rd of the total number of directors or 2 directors whichever is the higher number
- D. 1/2 of the total number of directors or 2 directors whichever is the higher number
- E. None of the above

33. Which one is not an intangible asset?

- A. Preliminary expenses
- B. Machinery
- C. Land
- D. Mining Rights
- E. Bank Deposits

34. Which is not a qualitative feature of the accounting information?

- A. Materiality
- B. Verifiability
- C. Timeliness
- D. Understandability
- E. Comparability



35. Auditor's tenure from first Annual General Meeting to what?

- A. 1 years
- B. 2 years
- C. 3 years
- D. 4 years
- E. 5 years

36. If producers will bear the cost of the tax then_____.

- A. the demand for the good must be elastic
- B. the demand for the good must be inelastic
- C. the demand for the good must be unit elastic
- D. buyers must not respond very much to a change in price
- E. the demand is more elastic than supply

37. Which entity and their regulators are not matched correctly?

- A. Mutual Fund -AMFI
- B. Capital Market-SEBI
- C. Money Market-RBI
- D. Insurance-IRDAI
- E. Pension Fund-PFRDA

38. What interest Rate has been given by the Reserve Bank of India on CRR?

- A. zero per cent
- B. 1 per cent
- C. 2 per cent
- D. 3 per cent
- E. 4 per cent

39. "Management by exception". This is a characteristic of which of the following type of leader?

- A. Transactional leader
- B. Charismatic leader
- C. Transformational leader
- D. Situational leader
- E. Authentic leader

40. Which of the following word is not correctly matched with letters of the Acronym DMAIC?

- A. D-Define
- B. M-Measure
- C. A-Analyze
- D. I-Improve
- E. C-Cataly



ANSWER

1. Ans. A.

* Alka Mittal has been appointed as the interim chairman and managing director of Oil and Natural Gas Corporation (ONGC) with effect from January 1, 2022, or until further orders.

* She is the first woman to head the country's largest oil and gas producer.

* She replaced Subhash Kumar, who retired on December 31.

* She has been appointed for a period of six months.

* She was also the first woman to join ONGC's board on November 27, 2018.

2. Ans. C.

India has improved its position by seven places to rank at **83rd** place among 111 countries in the latest **Henley Passport Index**, released for Q1 of 2022

3. Ans. A.

Agriculture sector has been the least impacted by the Covid-19 outbreak, the Economic Survey 2022 mentioned

Meanwhile the service sector has been the hardest hit by the Covid-19 pandemic in the country.

4. Ans. D.

Ans: 24th

The 2022 Winter Olympics, formally called the XXIV Olympic Winter Games, is the 24th Games of the Winter Olympics.

5. Ans. A.

Senegal won its first African Cup of Nations title on Sunday by beating Egypt 4-2 in a penalty shootout.

6. Ans. A.

As per Union Budget 2022-23 Rs. 86,200.65 crore has been allocated for the health sector.

7. Ans. D.

Sagrika Ghose has authored the book titled "Atal Bihari Vajpayee", the biography on the former Prime Minister of India.

8. Ans. B.

India and Bangladesh have decided to celebrate 'Maitri Diwas' on 6th December.

9. Ans. A.



Saudi Aramco is a Saudi Arabian public petroleum and natural gas company based in Dhahran.

Saudi Aramco has both the world's second-largest proven crude oil reserves, at more than 270 billion barrels (43 billion cubic metres), and largest daily oil production of all oil-producing companies.

10. Ans. D.

India is likely to achieve the 500-gigawatt (GW) renewable energy capacity prior to the deadline of 2030.

11. Ans. A.

Out of the targeted \$650 billion, \$400 billion will be merchandise exports while the rest \$250 billion will be services exports

India is set to achieve \$650 billion exports target in the current financial year.

12. Ans. D.

The Place of Effective Management (Poem) framework was introduced in 2018 to determine the tax payable by a foreign company that, for all purposes, is managed from India and yet does not pay taxes domestically.

13. Ans. D.

Lakshadweep is a group of a total of 36 islands. These are spread across an area of 32 sq km. Out of these, 10 islands are inhabited.

14. Ans. C.

Let the upstream speed of boat be $2x$ km/h.

So, downstream speed = 150% of $2x = 3x$ km/h

According to question,

$$\frac{48}{2x} + \frac{36}{3x} = 6$$

$$\Rightarrow x = 6$$

So, downstream speed = $3 \times 6 = 18$ km/h

15. Ans. B.

Let the amount invested by C be $2x$.

So, the amount invested by B = $6x$

And amount invested by A = $3x$

Ratio of profits of A, B and C = $(3x \times 1) : (6x \times 2) : (2x \times 3)$

$$= 1 : 4 : 2$$

Let the profit of A, B and C be y , $4y$ and $2y$ respectively.

$$\text{So, } 2y - y = 1410$$

$$\Rightarrow y = 1410$$



Profit share of B = $1410 \times 4 = \text{Rs. } 5640$

16. Ans. D.

Let the quantity of milk and water in the initial mixture be $25x$ litres and $2x$ litres respectively.

Quantity of milk withdrawn with 27 litres of mixture = $\frac{25}{25+2} \times 27 = 25$ litres

Quantity of water withdrawn with 27 litres of mixture = $27 - 25 = 2$ litres

$$\text{Now, } \frac{25x - 25 + 35}{2x - 2} = 15$$

$$\Rightarrow 25x + 10 = 30x - 30$$

$$\Rightarrow 5x = 40$$

$$\Rightarrow x = 8$$

Quantity of milk in the initial mixture = $25 \times 8 = 200$ litres

17. Ans. E.

Number of coloured prints taken from printer C = $\frac{3}{7} \times 420 = 180$

18. Ans. A.

Number of black & white prints taken from printer A = $\frac{3}{5} \times 200 = 120$

Number of black & white prints taken from printer B = $\frac{2}{5} \times 300 = 120$

Number of black & white prints taken from printer D = $\frac{7}{12} \times 360 = 210$

$$\text{Required average} = \frac{120 + 120 + 210}{3} = \frac{450}{3} = 150$$

19. Ans. B.

Number of black & white prints taken on printer E = $\frac{5}{7} \times 280 = 200$

Number of coloured prints taken on printer B = $\frac{3}{5} \times 300 = 180$

Required difference = $200 - 180 = 20$

20. Ans. B.



21. Ans. A.

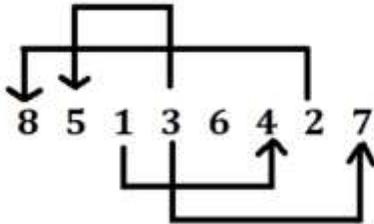


22. Ans. B.





23. Ans. C.



24. Ans. A.

Oligopoly exists when there are few firms selling the product. In Oligopoly, competition is limited and it exists among few firms. The products of these firms may either be close substitutes or homogeneous. Since there are a few firms under oligopoly, they may come together and increase the price of commodities. For example, the alternative of Pepsi is Coke only. Both companies may increase the price of their drinks as there is no other seller.

Monopoly is a market structure in which there is a single seller of goods and services. There is an absence of competition for example: Indian Railways.

https://nios.ac.in/media/documents/SrSec318NEW/318_Economics_E

[ng/318 Economics Eng Lesson21.pdf](#)

25. Ans. C.

Under transformational leadership the leader uses his influencing power and enthusiasm to motivate his followers to work for the benefit of the organisation and to achieve desired goal or objective. The main idea of this leadership style is that both the superior and subordinate work for lifting each other for improving their morale and motivation.

26. Ans. C.

Quality has a direct impact on product or service performance, thus it is closely linked to customer value and satisfaction. The American society for quality defines quality as the characteristics of a product or services that bear on its ability to satisfy stated or implied customer needs. Similarly, Siemens defines "Quality is when our customers come back and our products don't"

27. Ans. D.

Motivation is an individual concept while Morale is a group concept. Motivation takes into consideration the individual differences among the employees and morale of the employees can be increased by taking those factors into



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consideration which influences group scenario or total work settings.

28. Ans. D.

Financial management includes accounting, budgetary control, quality control, financial planning and managing the overall finances of an organization.

Personnel management includes recruitment, training, transfer promotion, demotion, retirement, termination, labor-welfare and social security industrial relations.

Purchasing management includes inviting tenders for raw materials, placing orders, entering into contracts and materials control.

Maintenance management involves proper care and maintenance of the buildings, plant and machinery.

29. Ans. A.

As per Section 47 of the 2013 Act, where the preference shareholders are entitled to vote, the proportion of voting rights of equity shareholders to the voting rights of the preference shareholders should be equal to ratio of the paid-up share capital of the equity shares and paid-up share capital of the preference shares.

30. Ans. B.

* If a company declare dividend but fails to pay or the warrant in respect thereof has not been posted within thirty days from the date of declaration to the shareholders then every director of the company shall be punishable with the imprisonment of two years and fined not less than one thousand rupees from the day of default continues.

* During the period for which such default continues, the company shall be liable to pay simple interest at the rate of 18%p.a.

*

31. Ans. B.

There are a few different categories of expenses that cost accounting looks at. These expenses include:

Variable costs: This type of expense is one that varies depending on the company's needs and usage during the production process. For example, expenses incurred to produce more inventory to meet the demands of a busy season would be considered variable costs.

Fixed costs: Fixed costs are expenses that don't change despite the level of production. For example, the monthly payment for the lease on a manufacturing building is considered a fixed cost.



Direct costs: These costs are directly related to manufacturing a product. For example, the employee wages for the company's assembly line workers is a direct cost.

Operating costs: This type of expense refers to the daily operations of a company. For example, the cost of equipment needed to make products is an operating cost.

32. Ans. A.

The quorum for a board meeting must be 1/3rd of the total number of directors or 2 directors whichever is the higher number. Therefore in case, there are only three directors in a company, then at least two must be present even though 1/3rd would entail that only one director needs to be present.

33. Ans. D.

Mining Rights means all interests in the surface of any lands, the minerals in (or that may be extracted from) any lands, all royalty agreements, water rights, patented and unpatented mining and millsite claims, fee interests, mineral leases, mining licenses, profits-a-prendre, joint ventures and other leases, rights-of-way, inurements, licenses and other rights and interests used by or necessary to mining and related processing operations.

34. Ans. A.

Qualitative characteristics of accounting information that impact how useful the information is:

1. Verifiability
2. Timeliness
3. Understandability
4. Comparability

In accounting, materiality refers to the impact of an omission or misstatement of information in a company's financial statements on the user of those statements.

35. Ans. E.

The tenure of such auditor shall be until the conclusion of first annual general meeting wherein such auditor or some other auditor may be appointed for a term of 5 (five) years.

36. Ans. E.

* When supply is more elastic than demand, the tax burden falls on the buyers. If demand is more elastic than supply, producers will bear the cost of the tax.

37. Ans. A.

As far as mutual funds are concerned, SEBI formulates policies, regulates and supervises



mutual funds to protect the interest of the investors. SEBI notified regulations for mutual funds in 1993. Thereafter, mutual funds sponsored by private sector entities were allowed to enter the capital market.

38. Ans. A.

Cash Reserve Ratio (CRR) is the share of a bank's total deposit that is mandated by the Reserve Bank of India (RBI) to be maintained with the latter as reserves in the form of liquid cash. Click here to know about SLR & Repo Rate.

39. Ans. A.

Characteristics of a transactional leader are as follows:

(i) Contingent reward: Contracts exchange of rewards for effort, promises rewards for good performance, recognizes accomplishments.

(ii) Management by exception: Watches and searches for deviations from rules, standards. Takes correct actions.

(iii) Laissez-faire Abdicates responsibilities; Avoids making decisions.

40. Ans. E.

* The full form of DMAIC is "Define, measure, analyze, improve, and control.

* It is a data-driven quality strategy used to improve processes.

