



Ocean University of Sri Lanka

Aptitude Test 2025/2026

BSc in Maritime Transportation Management and Logistics

Index No .....

NIC No .....

Time: 02 Hours

Date: 23/08/2025

**Instructions:**

- This paper consists of Four (04) sections on Thirteen (13) pages which carry equal marks.
- Students may take 30 minutes for each section and spend equal effort on all sections.
- Attempt all questions.
- Underline/write the most appropriate answer using a Dark Pencil/ Black or Blue Ball point pen.
- Only one answer is allowed for each question.
- No marks will be deducted for wrong answers.
- Calculators are not allowed.
- Erase unwanted marks clearly.
- Return the question paper with the answers

**Section A**

**Underline the correct answer.**

1. The 20<sup>th</sup> Heads of State and Government Summit of the Group of 20 (G20) will take place in
  - i. Bali, Indonesia
  - ii. Johannesburg, South Africa
  - iii. New Delhi, India
  - iv. Rio de Janeiro, Brazil
2. Current number of nations belongs to Small Island Developing States (SIDS) group is
  - i. 57
  - ii. 20
  - iii. 17
  - iv. 30
3. SIDS consist of three sub-groups namely,
  - i. Caribbean SIDS, the Pacific SIDS, and the Atlantic, Indian Ocean, and South China Sea SIDS.
  - ii. Caribbean SIDS, the Pacific SIDS, and the Indian Ocean SIDS
  - iii. Caribbean SIDS, the Pacific SIDS, and the Atlantic SIDS
  - iv. Caribbean SIDS, the Pacific SIDS, and South China SIDS
4. The Peninsula which is currently greening as a result of climate change is
  - i. Arabian Peninsula
  - ii. Alaska Peninsula
  - iii. Labrador Peninsula
  - iv. Antarctic Peninsula

5. NATO is actively expanding and strengthening its defense capabilities in response to the evolving security landscape. Accordingly, the country which recently joined with NATO in year 2024 is
  - i. North Macedonia
  - ii. Latvia
  - iii. Lithuania
  - iv. Sweden
6. The 20<sup>th</sup> Asian Games 2026 are scheduled to be held in
  - i. Hangzhou – China
  - ii. Aichi-Nagoya - Japan
  - iii. Incheon – Republic of Korea
  - iv. Guangzhou - China
7. Five sports have been proposed by Organizing Committee for inclusion at the Olympic Games in 2028. Among those, three (03) have previously been sports contested at the Olympic Games. Identify the sport which will be contested for the first time in Olympic Games in 2028.
  - i. Baseball-softball
  - ii. Squash
  - iii. Lacrosse
  - iv. Cricket
8. World's Ocean Day is celebrated on
  - i. 05<sup>th</sup> June
  - ii. 08<sup>th</sup> June
  - iii. 25<sup>th</sup> September
  - iv. 27<sup>th</sup> September
9. The current armed conflict between Russian and Ukraine has been taking place since
  - i. October 2022
  - ii. October 2023
  - iii. February 2024
  - iv. February 2022
10. The Artificial Intelligence (AI) directing Israel's bombing spree in Gaza is known as
  - i. Gospel
  - ii. Where's Daddy?
  - iii. Lavender
  - iv. Fire Factory
11. The richest country in the world by nominal Gross Domestic Product (GDP) in 2025, based on the most recent International Monetary Fund and World Bank data is,
  - i. Germany
  - ii. China
  - iii. United States
  - iv. Japan
12. International Youth Day is celebrated on
  - i. 10<sup>th</sup> October
  - ii. 12<sup>th</sup> August
  - iii. 8<sup>th</sup> June
  - iv. 23<sup>rd</sup> August
13. The international organization who is the specialized agency of the United Nations with a unique mandate to promote, dynamize and accelerate industrial development is abbreviated as
  - i. UNEP
  - ii. UNIDO
  - iii. UNICEF
  - iv. UNESCO
14. The smallest desert in the world by area is
  - i. Carcross Desert
  - ii. Bledow Desert
  - iii. Atacama Desert
  - iv. Ladakh Desert
15. The country ranked as the number one according to Green Living Ranking is
  - i. Norway
  - ii. Switzerland
  - iii. Finland
  - iv. Sweden

16. Who hold(s) the Guinness World Record for building the world's smallest humanoid robot?
- |                              |  |
|------------------------------|--|
| i. Mitsuya Tatsuhiro (Japan) | iii. Hiroshi Ishiguro (Japan)                  |
| ii. Oh Jun-ho (South Korea)  | iv. Aaron Ho Yat Fung and the team (Hong Kong) |
17. Meena, the first ever novel in Sri Lanka which introduced a new literary path to the local literature arena was written by
- |                          |                          |
|--------------------------|--------------------------|
| i. Martin Wickremasinghe | iii. Simon Nawagattegama |
| ii. Simon de Silva       | iv. K. Jayathilaka       |
18. What is the first feature-length movie filmed in space that the film's director and lead actress actually filmed in space?
- |                      |                      |
|----------------------|----------------------|
| i. Return from Orbit | iii. For All Mankind |
| ii. Oppenheimer      | iv. The Challenge    |
19. The cinematographer who has won the most Oscar Awards is
- |                    |                        |
|--------------------|------------------------|
| i. Leon Shamroy    | iii. Joseph Ruttenberg |
| ii. Conrad L. Hall | iv. Emmanuel Lubezki   |
20. The famous novel written by F. Scott Fitzgerald which is distinguished as one of the greatest texts for introducing students to the art of reading literature critically is
- |                          |                      |
|--------------------------|----------------------|
| i. To Kill a Mockingbird | iii. Anna Karenina   |
| ii. Jane Eyre            | iv. The Great Gatsby |
21. LinkedIn was founded by
- |   |   |
|---|---|
| i. Chad Hurley, Steve Chen, and Jawed Karim | iii. Chad Hurley, Steve Chen, and Mark Zuckerberg |
| ii. Reid Garrett Hoffman and Eric Ly        | iv. Zhang Yeming, Steve Job, and Jawed Karim      |
22. The Clean Sri Lanka Project is a nationwide initiative aimed at enhancing the Sri Lankan image into a cleaner, greener, and more sustainable country. Accordingly, the three (03) pillars which focused under this project are,
- |   |   |
|---|---|
| i. Social, Environmental and Economical | iii. Social, Environmental and Ethical    |
| ii. Social, Economical and Ethical      | iv. Environmental, Ethical and Economical |
23. The project which identifies as the Sri Lanka's largest private sector investment in luxury tourism is known as,
- |                              |                        |
|------------------------------|------------------------|
| i. One Gall face             | iii. Port City Colombo |
| ii. City of Dreams Sri Lanka | iv. ITC Ratnadipa      |
24. What is the international organization in which Sri Lanka does not have membership?
- |             |                            |
|-------------|----------------------------|
| i. IORA     | iii. ASEAN                 |
| ii. BIMSTEC | iv. Commonwealth countries |
25. The emerging industrial revolution 'Industry 5.0' focuses on
- |   |   |
|---|---|
| i. Smart Manufacturing and Connectivity       | iii. Automation and Digitization        |
| ii. Human-Centric and Sustainable Innovations | iv. Mass Production and Electrification |

(1 X 25 = Total 25 Marks)

## Section B

Underline the correct answer.

1. The theme for United Nations World Ocean Day 2025 is
  - i. "Wonder: Sustaining What Sustains Us"
  - ii. "Planet Ocean: Tides are Changing"
  - iii. "Revitalization: Collective Action for the Ocean"
  - iv. "Awaken New Depths"
2. The World Maritime Day theme for 2025, as declared by the International Maritime Organization is
  - i. "New technologies for greener shipping"
  - ii. "Navigating the future: safety first!"
  - iii. "Our Ocean, Our Obligation, Our Opportunity"
  - iv. "MARPOL at 50 – Our commitment goes on"
3. The third implementing agreement to the United Nations Convention on the Law of the Sea is known as
  - i. 1994 Agreement
  - ii. Biodiversity Beyond National Jurisdiction Agreement (BBNJ)
  - iii. United Nations Fish Stock Agreement (UNFSA)
  - iv. Convention for the Suppression of Unlawful Acts Against the Safety of Maritime Navigation (SUA)
4. Harmonized System (HS) codes which are commonly used throughout the import and export process for the classification of goods are administrated by the
  - i. World Customs Organization
  - ii. International Maritime Organization
  - iii. United Nations
  - iv. World Trade Organization
5. Which country is currently ranked number one according the Logistics Performance Index?
  - i. Singapore
  - ii. Finland
  - iii. Germany
  - iv. Netherlands
6. What is the intergovernmental organization established by the mandate of the Third United Nations Conference on the Law of the Sea to resolve disputes over the law of the sea?
  - i. International Maritime Organization
  - ii. World Customs Organization
  - iii. International Tribunal for the Law of the Sea
  - iv. None of the above
7. The International Logistics Day is celebrated on
  - i. 16<sup>th</sup> August
  - ii. 8<sup>th</sup> June
  - iii. 26<sup>th</sup> September
  - iv. 28<sup>th</sup> June

8. Sri Lanka's first-ever Multimodal Transport Centre is located at
- |              |                 |
|--------------|-----------------|
| i. Kadawatha | iii. Peliyagoda |
| ii. Mattala  | iv. Makumbura   |
9. The Sri Lankan organization which formed with an objective of bringing all freight forwarders and logistics providers under one umbrella and with a view to institutionalizing and professionalizing the trade is abbreviated as
- |            |            |
|------------|------------|
| i. SLAFAR  | iii. FIATA |
| ii. SLSFTA | iv. SLFFA  |
10. What is the largest container ship in the world by 2025 based on capacity (TEUs)?
- |                   |                |
|-------------------|----------------|
| i. ONE Innovation | iii. MSC Tessa |
| ii. MSC Irina     | iv. OOCL Spain |
11. What is the organization which regulate and facilitate international trade and collect import/export duties and taxes in Sri Lanka?
- |                               |                                |
|-------------------------------|--------------------------------|
| i. Sri Lanka Customs          | iii. Central Bank of Sri Lanka |
| ii. Inland Revenue Department | iv. Sri Lanka Ports Authority  |
12. Hambantota International Port is Sri Lanka's most diversified deep-water, multi-purpose port which is located ..... from the global shipping route linking the Far-East with the West.
- |                       |                        |
|-----------------------|------------------------|
| i. 10 km              | iii. 200 km            |
| ii. 10 nautical miles | iv. 200 nautical miles |
13. The main international convention covering prevention of pollution of the marine environment by ships from operational or accidental causes is abbreviated as
- |            |            |
|------------|------------|
| i. UNCLOS  | iii. SOLAS |
| ii. MARPOL | iv. OILPOL |
14. The container ship which sank roughly 38 nautical miles southwest of Kochi, Kerala, after flooding in one of its holds caused it to eventually capsize is
- |                 |                  |
|-----------------|------------------|
| i. MSC Flaminia | iii. MOL Comfort |
| ii. Dali        | iv. MSC Elsa 3   |
15. The world's first autonomous, fully-electric cargo ship is
- |            |                     |
|------------|---------------------|
| i. Zulu    | iii. Yara Birkeland |
| ii. Suzaku | iv. Mikage          |
16. Sri Lanka's first ever fully automated deep-water container terminal is
- |          |           |
|----------|-----------|
| i. CICT  | iii. CWIT |
| ii. SAGT | iv. JCT   |
17. What is the world's largest cruise ship in service based on the gross tonnage?
- |                        |                        |
|------------------------|------------------------|
| i. Wonder of the Seas  | iii. MSC World America |
| ii. Wonder of the Seas | iv. Icon of the Seas   |

18. Where is the Northern End of the E02 Outer Circular Expressway in Sri Lanka?
- Kottawa
  - Kerawalapitiya
  - Kadawatha
  - Bandaranaike International Airport
19. What is the longest Expressway in Sri Lanka?
- E01 Southern Expressway
  - E03 Colombo-Katunayake Expressway
  - E 04 Central Expressway
  - E 06 Magampura Expressway
20. The vessels which are specifically designed to transport wheeled cargo are known as
- Bulk Carriers
  - Reefer Vessels
  - Heavy Lift Cargo Vessels
  - RO-RO Vessels
21. What is the largest airport in the world by land area 2025?
- Atlanta Hartsfield-Jackson International Airport
  - King Fahd International Airport, South Arabia
  - Denver International Airport, USA
  - London Heathrow Airport
22. What is the fastest mode of transportation?
- Air
  - Road
  - Maritime
  - Rail
23. What is the most economical mode of transportation?
- Air
  - Road
  - Maritime
  - Rail
24. What is the most scalable mode of transportation?
- Air
  - Road
  - Maritime
  - Rail
25. When a tech- based logistics solution provider managing the entire e-commerce networks is known as
- 2PL – Second Party Logistics
  - 3PL – Third Party Logistics
  - 4PL – Fourth Party Logistics
  - 5PL – Fifth Party Logistics

(1 X 25 = Total 25 Marks)

Section C

1. Fill in the blanks of the following passage using the most suitable word given below.

[cross-border, loss, competitive advantage, new markets, operations, regulations, supply chains, quickly, services, global trade, financial, e-commerce, market conditions, transportation, logistics, risks, sustainable, process, challenging, critical]

Cross-border logistics refers to the ..... of planning, implementing, and controlling the flow of goods, ....., and related information across international borders. This complex process involves managing customs clearance, ....., warehousing, and inventory management, as well as ensuring compliance with various ..... and laws. Companies that engage in ..... logistics must navigate through different languages, cultures, and time zones, which can be..... Effective cross-border logistics requires a deep understanding of the regulatory environment, ....., and cultural nuances of each country involved. To achieve this, companies often partner with local ..... providers or invest in technology to streamline their ..... Cross-border logistics is critical for businesses that want to expand their reach into ....., increase their customer base, and stay competitive in the global economy. The growth of ..... has also driven the demand for cross-border logistics, as online retailers need to deliver products ..... and efficiently to customers around the world. Moreover, cross-border logistics involves managing ..... such as cargo theft, damage, and ....., which can have significant ..... implications. Companies must also ensure that their cross-border logistics operations are ..... and environmentally friendly, which can be a challenge given the complexity of international ..... Overall, cross-border logistics is a ..... component of ....., and companies that master this process can gain a ..... in the marketplace.

(0.5x 20 = Total 10 Marks)

2. Read the paragraph and answer the questions.

**Supply Chain Resilience**

Supply chains are crucial for allowing the transfer of commodities, services, and information across borders in today's interconnected and hurried global economy. But this growing interdependence has also made supply chains more vulnerable to a variety of dangers and disruptions, which might have a significant impact on firms, sectors, and even countries. The idea of supply chain resilience has arisen as a result of the importance placed on navigating these difficulties. Resilience in the context of global supply networks refers to the capability to foresee, plan for, react to, and recover from interruptions while preserving the supply chain's fundamental operations. Not only are resilient supply networks better able to withstand shocks, but they can also adjust and change as conditions change.

The demand for resilience is increased in today's hyper-connected world, as information travels at previously unheard-of speeds and supply chain nodes are dispersed across continents. Disruptions in the supply chain may have a domino impact on different aspects of an organization's operations. Every stage of the supply chain, from purchasing and manufacturing to distribution and customer support, can be affected. Therefore, creating resilience involves more than just protecting against disruption; it also entails maintaining continuity and reducing the impact on all parties involved. Organizations are being forced to reconsider their current supply chain management strategies as they become more aware of the strategic importance of supply chain resilience. The requirement for flexibility, redundancy, and risk mitigation techniques must be balanced with the continued need of efficiency and cost minimization. Furthermore, a proactive rather than a reactive approach to resilience is required due to the dynamic and shifting nature of disruptions.

- a) Why is it important to manage supply chains in modern business environment? (01 Mark)  
.....  
.....
- b) What reasons have led for the risen interest on supply chain resilience? (01 Mark)  
.....  
.....

c) What kind of capabilities that organizations should have/ develop in order to make their supply chains resilient? (02 Marks)

.....  
.....

d) What are the reasons for the increasing demand for resilience in today's world? (02 Marks)

.....  
.....

e) What are the different stages of supply chains that can be impacted due to the disruptions? (02 Marks)

.....  
.....

f) What are the requirements to be satisfied by organizations when creating supply chain management strategies to ensure supply chain resilience? (02 Marks)

.....  
.....

(Total 10 Marks)

3. Complete the dialogues with correct forms of the present simple tense.

a) What ..... the longest river in the world? (be)

Some of the longest rivers ..... the Amazon and the Nile. (be)

b) Kavindu and Ravindu ..... well-dressed today. (be)

Are you crazy? They ..... well-dressed at all! (not be)

c) Pathum is the best player in our team. He never ..... the goal. (miss)

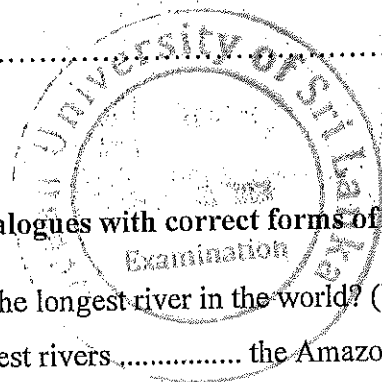
Really? How often .....? (score)

d) ..... this your bag? (be)

No, it ..... mine. (not be)

(Total 05 Marks)

(Total 25 Marks)

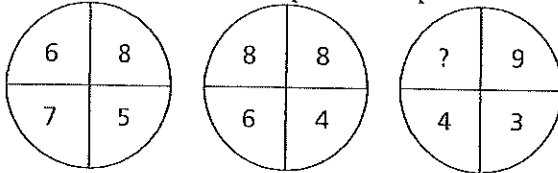


Section D

Underline or write the correct answer in the given space.

01. Create two words using the following ten letters. Each letter can be used once only.  
 Clue: grand tune (4,6)  
 Letters: MYSEVODLTA .....

02. What number should replace the question mark? .....



03. CARTON, ENJOYMENT, WORDSMITH, .....  
 Which of the following words continues the above sequence?

COPY, REEF, COPE, REST, ACHE

04. What number comes next in this sequence? 25, 32, 27, 36, ....
05. You have accidentally left the plug out of the bath and are attempting to fill the bath with both taps full on. The hot tap takes three minutes to fill the bath and the cold tap two minutes, and the water empties through the plug hole in six minutes. In how many minutes will the bath be filled?

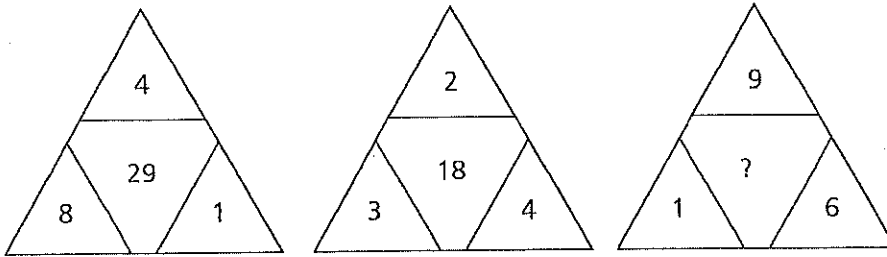
06. A car travels at a speed of 40 kmph over a certain distance and then returns over the same distance at a speed of 60 kmph. What is the average speed for the total journey?.....

07. Spiral clockwise round the perimeter to spell out a nine-letter word, which must finish in the centre square. The word commences at one of the corner squares. Provide the missing letters and complete the word.

	N	
B	E	A
A	C	N

.....

08. What number should replace the question mark?.....



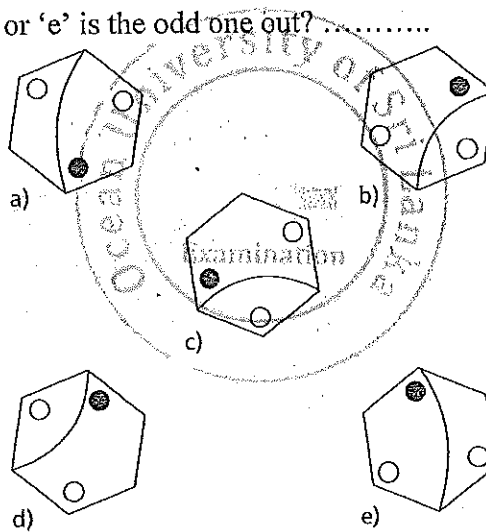
09. Find two words, one in the first grid and one in the second, that are antonyms. The words can be read backwards, forwards, horizontally, vertically or diagonally, but always in a straight line.

T	E	D	Y	T
R	R	U	L	S
Y	A	A	P	A
S	H	R	P	L
T	S	F	A	B

H	I	M	S	P
P	R	P	M	A
A	A	A	T	S
T	R	A	T	S
T	E	M	A	S

.....

10. Which of 'a', 'b', 'c', 'd' or 'e' is the odd one out? .....



11. On glancing through your morning newspaper, you notice that four pages are missing. One of the missing pages is page 8. The back page of the newspaper is 28. What are the other three missing pages?.....

12. Which two numbers come next in this sequence?  
38, 24, 62, 12, 74, ....., .....

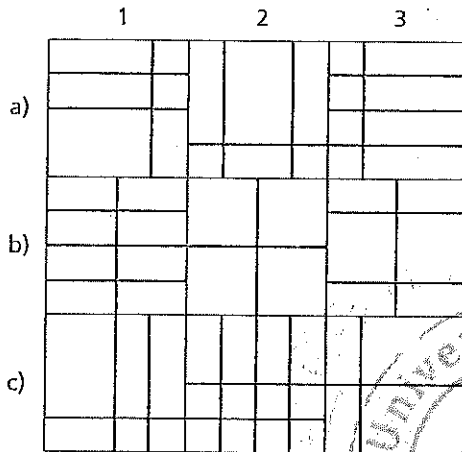
13. What letter is two to the right of the letter immediately below the letter which is two to the right of the letter immediately above the letter K?.....

A	B	C	D	E	
F	G	H	I	J	
K	L	M	N	O	
P	Q	R	S	T	
U	V	W	X	Y	Z

14. Work from letter to adjacent letter horizontally and vertically, but not diagonally to spell out a 12-letter word. Find the starting point and provide the missing letter.

D	E	E	N
E	T	E	I
R	P	R	

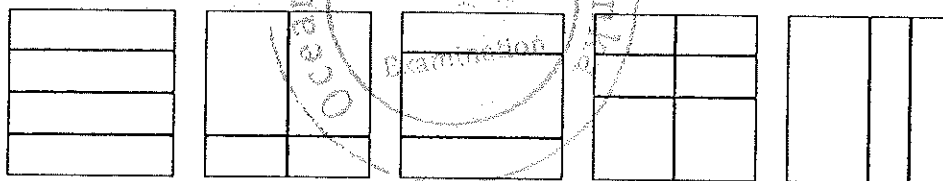
- 15.



Looking at lines across and down, if the first two tiles are combined to produce the third tile, with the exception that like symbols are cancelled out, which of the above tiles is incorrect, and with which of the tiles below should it be replaced?

Incorrect tile:.....

Correct tile:.....



a) b) c) d) e)

16. Complete the equation by identifying the missing part of the calculation from the list of options below.

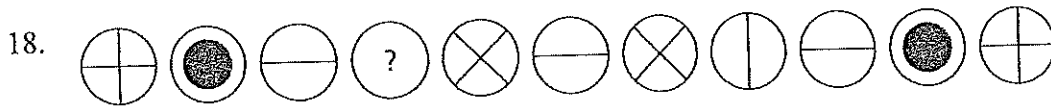
$$\frac{36 + (9 \times 7)}{\sqrt{121}} = \frac{4}{5} \times (?) - \frac{133}{7}$$

- a)  $6^2$   
 b)  $92 - 59$   
 c)  $7 \times 5$   
 d)  $3^3 + 9$

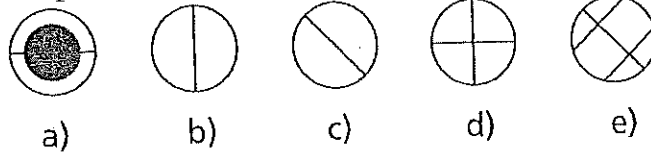
17. 2 3 6 5 9 2 7 4 8 3 1 9 7

Strike out all the odd numbers in the above list and multiply the remaining numbers together. Now take the total you have obtained and repeat the process, striking out any odd numbers, and multiplying the remaining numbers together.

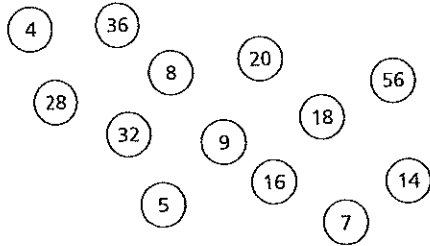
What number are you left with? .....



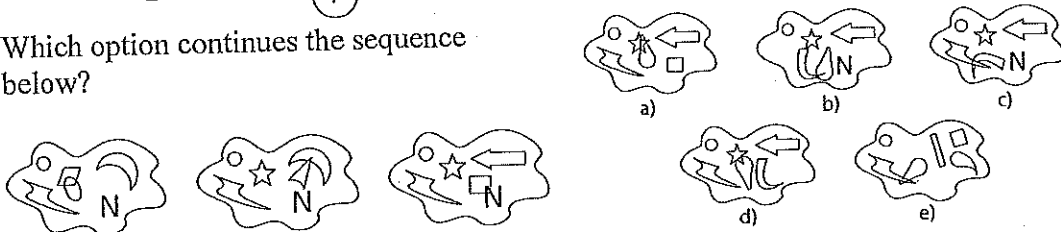
Which circle should replace the question mark?



19. Which number is the odd one out? .....



20. Which option continues the sequence below?



21. Solve each anagram to find two phrases that are spelt differently but sound alike, as in: 'a name', 'an aim'.

SEMI ARC , CRIME ACE : .....

22. Which number comes next in this sequence?  
1, 2, 0, 3, -1, 4, ?

23. How old is Jane if in eight years' time she will be twice as old as she was twenty years ago?  
.....

24. Which number is the odd one out? .....  
3785 1563 2674 5967 4896

25.  $\&\#\&\#\$\#\&\#\&\#\#\&$

Which three symbols complete the above sequence?

- a)  $\&\#\$$       b)  $\$\&\#$       c)  $\&\#\&$       d)  $\$\#\&$       e)  $\#\&\&$

(1 X 25 = Total 25 Marks)

\*\*\*End of the Paper\*\*\*



Q

Q