



Ocean University of Sri Lanka

Aptitude Test 2021/2022

Maritime Transportation Management and Logistics

Index No .....

NIC No .....

Time: 02 Hours

Instructions:

- This paper consists of FOUR (04) sections in 10 pages which carry equal weight
- Students may take 30 minutes for each section and spend equal effort to all parts
- Attempt all questions
- Underline 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 - One mark for each question**

1. Who won the trophy of 'ICC Cricketer of the year' in 2012  
a) Muttiah Muralidharan    b) Kumara Sangakkara    c) Mahela Jayawardane    d) Sanatha Jayasuriya
2. Who is the Captain of Sri Lanka women's national cricket team?  
a) Inoka Ranaweera    b) Chamari Athapaththu    c) Anushka Sanjeevani    d) Oshadi Ranasinghe
3. The next Asian Game is scheduled to be held in September 2022 in  
a) China    b) Japan    c) South Korea    d) India
4. How many Sri Lankan Athletes participated in the Summer Olympics 2020 in Tokyo Japan  
a) 09    b) 10    c) 08    d) 07
5. Who won the gold medal in Javelin Throw F46 event setting a new world record at the Tokyo 2020 Paralympic Games  
a) Dinesh Priyantha of Sri Lanka    b) Devendra Jhajharia of India    c) Dulan Kodithuwakku of Sri Lanka  
d) Burian Mical of Australia
6. Which country won the 2021 UEFA European Football game  
a) UK    b) Italy    c) Germany    d) Spain

7. After the parinirvana of Gautama Buddha, the tooth relic was preserved in Kalinga and smuggled to Lanka by  
 a) Saliya- Asokamala      b) Gamini-Chithra      c) Rama – Seetha      d) Danta- Hemamali
8. Who is the author of Kavyashekaraya?  
 a) Venerable Wettave      b) Venerable Totagamuwe Sri Rahula  
 c) King Parakramabahu the Great      c) Gurulugome
9. What is the celebrated book written by king Kumaradasa  
 a) Janakiharannya      b) Ratnavalai      c) Priyadarsika      d) Nagananda
10. The king who first made Anuradhapura as the capital of his kingdom  
 a) Pandukabhaya      b) Devanampiyathissa      c) Abhaya      d) Mutasiwa
11. Who was the speaker of the 1<sup>st</sup> parliament of Sri Lanka  
 a) Hon. Sir Farncis Molamure      b) Hon. Sir Albert F. Pieris      c) Hon. H.S. Ismail      d) Hon. T.B. Subasinghe
12. In which year was the first postal stamp issued in Sri Lanka  
 a) 1842      b) 1848      c) 1857      d) 1864
13. Justin Trudeau is the Prime Minister of  
 a) Australia      b) New Zealand      c) Canada      d) England
14. What is the name of the first person to travel into outer space  
 a) Buzz Aldrin      b) Scott Kelly      c) John Glen      d) Yuri Gagarin
15. Who was the first person to set foot on the moon  
 a) Michael Collins      b) Yuri Gagarin      c) Buzz Aldrin      d) Neil Armstrong
16. June 5<sup>th</sup> is celebrated as  
 a) World Forrest Day      b) World Environment Day      c) World wild life day      d) World population day
17. World Ocean day is celebrated on  
 a) June 8<sup>th</sup>      b) June 5<sup>th</sup>      c) June 17<sup>th</sup>      d) July 18<sup>th</sup>
18. What is the world's largest fresh water lake by surface area  
 a) Lake Baikal      b) Lake Superior      c) Lake Victoria      d) Lake Huron
19. Which is considered as oldest civilization of the world?  
 a) Mesopotamian      b) Harappa      c) Chinese      d) Egyptian
20. What is the current population of the world?  
 a) 7.9 Billion      b) 7 Billion      c) 6.5 Billion      d) 6 Billion
21. ESCAP stands for  
 a) Economic and Social Commission for Asia and Pacific  
 b) European Society Council for Africa and Pacific  
 c) Economic and Social Commission for Africa and Pacific  
 d) None of the above

22. Who was awarded the 2020 Nobel Peace Prize?  
a) United Nations' World Food Programme (WFP)      b) United Nations' Children's Fund (UNICEF)      c) United Nations' Environment Programme UNEP
23. Which countries are the permanent members of the UN Security Council?  
a) Japan, Germany, France, Britain, Canada, United States of America  
b) France, Russia, USA, Britain, China  
c) USA, Germany, Britain, Brazil, China, Nigeria  
d) USA, China, Britain, Germany, India
24. United Nations Conference on Trade and Development (UNCTAD) is located at which of the following cities  
a) Geneva      b) Rome      c) Paris      d) Vienna
25. Montreal Protocol is related to the  
a) Global warming      b) Ozone layer depletion      c) Sustainable development      d) Food security

[Total 25 Marks]

**SECTION B - One mark for each question**

1. Colombo Port Commission was established in  
a) 1912      b) 1913      c) 1920      d) 1954
2. The Sri Lanka Ports Authority was constituted under the provisions of the Sri Lanka Ports Authority Act, No 51 of  
a) 1969      b) 1979      c) 1989      d) 1999
3. How many container terminals are in Port of Colombo  
a) 4      b) 5      c) 6      d) 7
4. MV. Express Pearl caught fire off the coast of Colombo  
a) 19<sup>th</sup> May 2021      b) 20<sup>th</sup> May 2021      c) 25<sup>th</sup> May 2021      d) 27<sup>th</sup> May 2021
5. MT. New Diamond caught fire off the eastern coast of Sri Lanka on  
a) 3<sup>rd</sup> September 2020      b) 5<sup>th</sup> September 2020      c) 3<sup>rd</sup> October 2020      d) 5<sup>th</sup> October 2020
6. Who is the current Minister of Ports and Shipping in Sri Lanka  
a) Hon. Dinesh Gunawardena,      b) Hon. Chamal Rajapaksa  
c) Hon. Rohitha Abegunawardhana      d) Hon. Keheliya Rambukwella
7. The main shareholder of the SAGT container terminal in Colombo is  
a) SL ports authority      b) John Keels Holding      c) Ever Green      d) APM Terminals
8. Which of the following Indian companies are going to invest in the West Container Terminal in Port of Colombo  
a) Adani Group      b) TATA Group      c) ABG Ship Yard      d) Vishwa Samudra Holdings Pvt. Ltd

9. The biggest shipping company in the world is  
 a) A.P Moller- Maersk Group      b) Mediterranean Shipping Co.      c) COSCO Shipping Lines      d) CMA CGM Group
10. The Suez Canal Connects  
 a) Mediterranean Sea to the Red Sea      b) Mediterranean Sea to the North Sea      c) Arabian Sea to the Mediterranean Sea      d) Caspian Sea to the Black Sea
11. The Panama Canal Connects  
 a) Atlantic and Pacific Oceans      b) Atlantic Ocean and Arctic Ocean      c) Atlantic and Mediterranean Ocean      d) Atlantic Ocean and Indian Ocean
12. Busiest Strait is the world  
 a) Malaka Strait      b) Dover Strait      c) Bering Strait      d) Strait of Hormuz
13. The top ship owning Nation in the world is  
 a) Greece      b) Japan      c) China      d) Singapore
14. The largest shipbuilding nations in the world  
 a) China      b) South Korea      c) Japan      d) Singapore
15. The world's busiest cargo airline company in 2021  
 a) FedEx Express      b) UPS Airlines      c) Qatar Airways Cargo      d) Emirates SkyCargo
16. What is the best Air cargo companies in the world?  
 a) British Airways      b) China Air Lines      c) Singapore Air Line      d) Lufthansa
17. Which of the following is considered as the most reliable mode of transport  
 a) Air Transportation      b) Road Transportation      c) Ocean Transportation      d) Pipeline Transportation
18. The fastest and most costly mode of transport is  
 a) Air transport      b) Road Transport      c) Sea Transport      d) Rail Transport
19. Which mode of the following is least expensive mode of transport?  
 a) Rail      b) Sea      c) Road      d) Pipeline
20. IATA stands for  
 a) International Air Transport Association      b) International Civil Aviation Organization      c) International Airborne Transport Association      d) Aircraft Owners and Pilots Association
21. Field of logistics has its origins in  
 a) the scientific fundamentals of physics      b) the field of business management      c) the learning and experiences of military operations      d) the field of operation research and material management

22. Which is the best explanation of Logistics among the following statement?
- a) Logistics ensures that the inventory levels as adequate  
 b) Logistics ensures that goods are timely transported  
 c) Logistics ensures that goods and services are timely delivered  
 d) The planning, implementing and controlling of the flow of goods, services and information
23. EDI Stand for
- a) Electronic Data Interchange  
 b) Electronic data Interface  
 c) Electronic Distribution Intermediary  
 d) Electronic Documentation Interchange
24. International Maritime Organization (IMO) which responsible for regulating shipping is a
- a) Specialized agency of the United Nations  
 b) Specialized agency of International Monetary Fund  
 c) Specialized agency of the International Labour Organization.  
 d) Specialized agency of World Bank
25. Headquarters of International Maritime Organization (IMO) is in
- a) London                      b) Paris                      c) Beijing                      d) Paris

[ Total 25 Marks]

## SECTION C

Read the paragraph and answer the questions (One mark for each question)

### Amazing Nature- Animal senses

Humans have five senses: Sight, hearing, taste, smell, and touch. We use these senses every day of our lives when we work, play, eat, drink. Animals have sense too, and some times they are more powerful than ours. We have our food prepared for us. But animals need to find their own food using their senses. For example, predators often have very good sight. Some birds of prey can see a mouse at a distance of 1.5 kilometers. However, they don't always catch the mouse. Mice have amazingly good hearing and this helps them escapes from predators. Butterflies don't taste with their mouths- they taste with their legs. Crickets don't hear with their ears- they hear with their eyes separately and look in two different directions at the same time. Some animals seem to have special sense that tells them about future. Birds, ants and many other animals look for food more busily just before bad weather. This helps them survive because it's more difficult to find food when the weather is bad. They know that bad weather is coming. Birds also use this ability to avoid bad weather when they fly long distances. For centuries, people have notices that animals often behave strangely before an earthquake. For example in January 1975, a lot of farmers in one part of a country told scientist that their horses and cattle did not want to go inside the barns. A few days later, there was a large answer it probably yes, but scientists do not yet understand how it works.

1. How many senses do Humans have .....
2. What do animals use to find their food? .....
3. Which sense do birds of prey use to catch their food? .....
4. Which sense helps mice to escape from predators? .....

5. What do butterflies use to taste? .....
6. What do crickets use to hear? .....
7. What is special about crickets? .....
8. Which animals look for food more busily before bad weather? .....
9. When do they behave strangely? .....
10. What did farmers tell scientists in China? .....

**b. Complete the sentences with the nouns and verbs given below (Half a mark for each question)**

cashier, commute, hire, job interview, librarian, managers, musician, photographer, pilot, quit, reporter, salary, secretary, waitress, work experience

1. I work in a shop, when people want to buy something, they gives me money. I'm a \_\_\_\_\_.
2. I want to make a lot of money, I am looking for a job with a high \_\_\_\_\_
3. I travel to many different countries for my job. I fly an airplane. I am a \_\_\_\_\_
4. I don't like my job. I want to \_\_\_\_\_
5. I play a guitar. I am a \_\_\_\_\_
6. My company wants to \_\_\_\_\_ new workers
7. I type letters and answer the telephone for my boss I'm a \_\_\_\_\_
8. Last week I had a \_\_\_\_\_ somebody asked me a lot of questions, and later the company hired me.
9. I work in a restaurant and I take people's orders and serve them food I am a \_\_\_\_\_
10. I want to find a job, but I don't have any \_\_\_\_\_ I have never worked before
11. I have a good job. But I have to drive for an hour to get to work. I don't like to \_\_\_\_\_ so much
12. I love my job! I use my camera to take pictures of lots of interesting things. I'm a \_\_\_\_\_
13. I work in a big company and I have to go to a lot of meetings. I'm a \_\_\_\_\_
14. I work in a library. I'm a \_\_\_\_\_
15. You can see me when you watch new on television. I am a TV news \_\_\_\_\_

c. Complete the sentence with the correct adjective/adverb in the brackets (Half a Mark for each question)

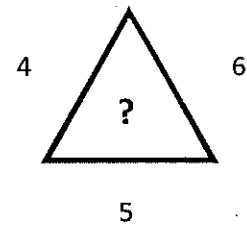
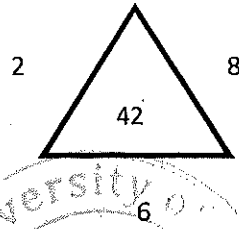
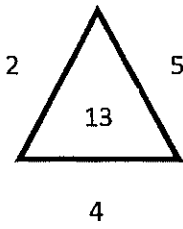
1. Saman felt very ..... (sad/sadly) after he watched the movie.
2. Ramani is a .....(clever/cleverly) girl.
3. She ..... (gentle/gently) put the flowers into the basket.
4. Mr. Wijerathne had a car accident and he was ..... (bad/badly) injured.
5. My brother ..... (quiet/quietly) took the bag and walked out the room.
6. My grandparents have been ..... ( happy/happily) married.
7. When I left the school, It was raining ..... (heavy/heavily)
8. When tourist saw the tiger, they ran away ..... (quick/quickly).
9. My plane flew..... (direct/directly) to Dubai.
10. It was a ..... Decision (terrible/terribly)
11. I understood the lesson very ..... (clear/clearly) today.
12. These questions are very..... (easy/easily). I can answer them in few minutes.
13. My sister listened to my problems very ..... (patient/patiently).
14. Jayantha is a .....Carpenter. He repaired the broken chair ..... (good/well).
15. Mr. Rajarathne buys goods from our shop..... He is our ..... customer  
(regular/regularly)

[Total 25 Marks]

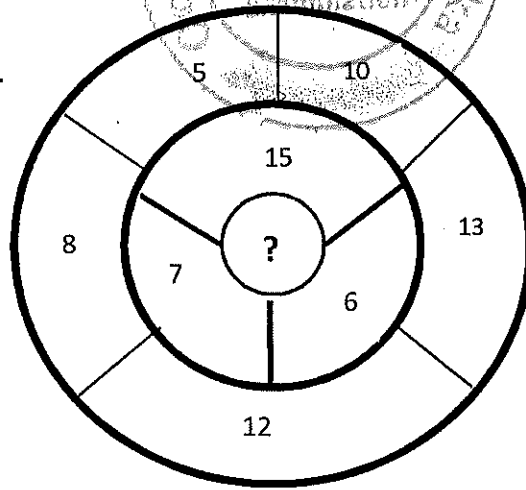
SECTION D- One mark for each question

1. Insert the missing number  
2                      6                      12                      20                      ?
2. Insert the two missing numbers  
(3,1);              (4,1);              (5,2);              (7,4);              (11,3);              (? , ?)
3. Add two more terms to the following series  
2/3, 3/4, 4/5, -----, -----
4. Which should come next?  
BE, FI, JM, NQ, RU, ?
5. Pick up the odd word out in the following group  
APPLE              WATER              MANGO              BEET  
POTATO              CHOCOLATE              BREAD              BUTTER

6. Write the missing number that should replace the question mark?



7. What is the number that should replace the question mark for the total of odd number to be equal to the total of even numbers?

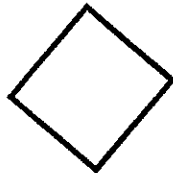


- a) 3      b) 4      c) 5      d) 6      e) 7

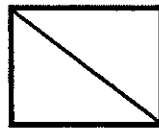
8. Identify the figure which does not follow the pattern



(1)



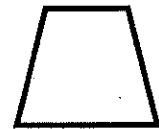
(2)



(3)



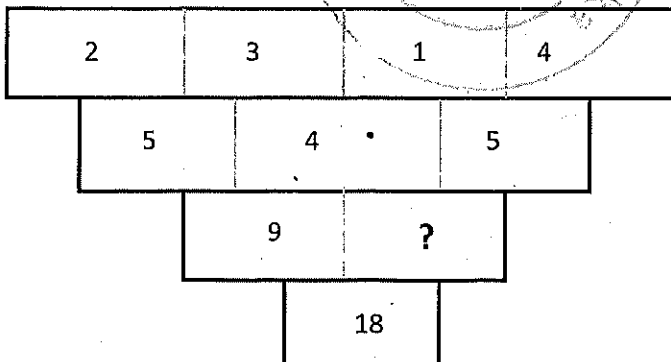
(4)



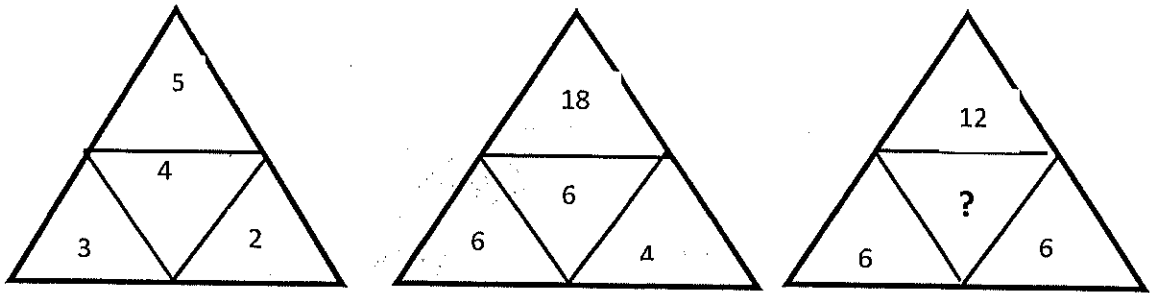
(5)

9. Give the answer for 18 multiplied by 3 and then divided by 2 and then again divided by 9 .....

10. What is the number that should replace the question mark? .....



11. Write the number that should replace the question mark .....



12. The cost of a saw is twice that of a hammer. If a carpenter had to spend Rs.3500/= to buy four hammers and three saws find the cost of a saw and a hammer .....
13. The average of three numbers is 23. The average of two of these numbers is 24.5. What is the value of third number? .....
14. Mr. Perera has Rs. 350/= to spend. He spends  $\frac{3}{7}$  of Rs. 350 to buy Rice, 0.22 of Rs.350/= to buy vegetable, Rs. 65 to buy sugar. How much he left with? .....
15. A building contractor calculates that he will need 12 workers to complete a job in 10 days. The customer wants it to be completed in 8 days. How many workers will have to be used to complete the job in 8 days? .....
16. A is the father of B. B is the father of C, but C is not the grandson of A. What is the relation of C to A? .....
17. In a class Nihal secures higher marks than Ahamed and Upali, Rani secures higher marks than Roy. Roy secures higher marks than Nihal. If Ahamed secures higher marks than Upali, who secures the lowest marks? .....
18. A is the wife of B and B is the son of C, while C is the husband of D. What is the correct relationship between A and D  
 a. D is the mother of A    b. D is the father of A    c. D is the mother in law of A    d. D is the sister of A
19. A train travels from city A to city B in 3 hours and 30 minutes at an average speed of 60 km/hour. If the train returns at an average speed of 50 km/hour, how long does the return trip would take?  
 a. 2 hrs 55min    b. 3 hrs. 40 min    c. 4 hrs. 12 min    d. 4 hrs. 32 min
20. X, Y and Z have Rs. 2,448 among them. The combined amount of money that X and Y have is twice as much as Z. The combined amount of money that Y and Z have is the same as X. How much money each has? .....
21. A car traveling on a straight highway. At 10 00 am it passes a truck travelling in the same direction. The truck continues on the highway travelling at 50 km/h while the car travels at 65 km/h. What is the distance between the car and the truck at 02.00 pm  
 a. 50 km    b. 55km    c. 60 km    d. 65 km

22. Jithendra runs twice as fast as Mahendra. At a certain point Mahendra is 200m ahead of Jithendra, and 50 seconds after, Jithendra runs past Mahendra. What is the distance run by Mahendra in 40 seconds?  
a. 140m                      b. 150m                      c. 160m                      d. 170m
23. To a certain number, 6 are added. The sum is then multiplied by 3, the result is then divided by 2 and 9 is subtracted from the quotient. The outcome is 30, what is the number? .....
24. A mobile phone can be bought by paying 12 installments of Rs. 1200/=. If Mr. Mendis buys it outright, he will have to pay 15% less than that. Then how much Mr. Mendis has to pay ?. .....
25. Mrs. Jayarathna has in her handbag Rs. 2000/= to spend for her daily expenses at home. She spends 0.275 for grocery items,  $\frac{2}{5}$  for vegetables, and Rs.280/= for buying fruits. How much she has left in her handbag after spending all above. ....

[Total 25 Marks]

.....End of Paper.....

