COCHIN SHIPYARD LIMITED

(A Govt. of India Enterprise)

KOCHI -15

PHASE-1

OBJECTIVE TYPE TEST FOR THE POST OF

EXECUTIVE TRAINEE (ENVIRONMENT) FOR CSL

13 NOVEMBER 2026

DURATION OF THE TEST : 60 Minutes

MAXIMUM MARKS : 60 Marks

DO NOT OPEN THIS QUESTION PAPER-CUM-ANSWER BOOKLET UNTIL ASKED TO DO SO

GENERAL INSTRUCTIONS

1. **ANSWER ALL QUESTIONS.** There shall be no negative marks.
2. **Answers are to be marked using ✓ mark against the most appropriate option among the options provided in the Question Booklet using BALL POINT PEN.**
3. **Rough work, if any, is to be done on space provided in the Question Booklet only. No separate sheet will be provided for rough work.**
4. **Calculator, Mobile, Electronic items etc., are not permitted inside the examination hall.**
5. Candidates seeking, receiving and /or giving assistance during the test will be disqualified.
6. The right to exclude any question (s) from final evaluation rests with CSL.
7. Do not seek any clarification on any item in the Question Booklet. Use your judgment.

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Please fill in the following details using ball point pen.

Name of Candidate	
Registration No.	
Name of Post	
Signature of candidate	
Signature of invigilator	

THIS QUESTION PAPER-CUM-ANSWER BOOKLET SHOULD BE HANDED OVER TO THE INVIGILATOR ON COMPLETION OF THE TEST

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PART A

1. India's first olive refinery was set up in Rajasthan at?

   a) Pachpadra

   b) Lunkaransar

   c) Amarsagar

   d) Suratgarh

2. Which of the following is called "Golden Fibre"?

   a) Jute

   b) Wheat

   c) Cotton

   d) Sunhemp

3. The 4th Indo-German Environment Forum was held in September 2026 in which city?

   a) Mumbai

   b) New Delhi

   c) Bengaluru

   d) Hyderabad

4. Which organisation recently launched the indigenously developed Xtreme Weather Grade (XWG) Diesel?

   a) Defence Research and Development Organization

   b) Indian Army

   c) Indian Navy

   d) Indian Air Force

5. Pink revolution in India is related to?

    a) Safety and security revolution to women at home and at public places
    b) Technological revolutions in the meat and poultry processing sector
    c) Rajasthan government's initiative to promote tourism
    d) Promoting floriculture as a high value agri-product to increase farmers' income

6. Choose the word that best fits the blank, matching the academic register and semantic context of the sentence:

    "Despite being given a clear directive, the official's response was entirely _____ ; it meandered from topic to topic without ever addressing the core issue."

    a) Intransigent
    b) Desultory
    c) Punctilious
    d) Fastidious

7. Choose the word that is closest in meaning to "OBFUSCATE":

    a) Clarify
    b) Complicate or make unclear
    c) Authenticate
    d) Simplify

8. The rotten smell was so _____ that she became unconscious then and there and had to be hospitalized?

    a) Revolting
    b) Gratifying
    c) Unappealing
    d) Captivating

9. Identify the option that correctly repairs the dangling modifier and structural flaw in the following sentence:
"Having reviewed the preliminary findings, the report was submitted to the board by the audit team."

a) Having reviewed the preliminary findings, the board received the report from the audit team.
b) Having reviewed the preliminary findings, the audit team submitted the report to the board.
c) The preliminary findings having been reviewed, the report was submitted to the board by the audit team.
d) Reviewing the preliminary findings thoroughly, the report was submitted to the board by the audit team.

10. Iconoclast is?

a) One who destroys images
b) A group of icons
c) Is a popular figure of the society
d) Is a popular figure of the history

11. A, B, and C can complete a piece of work individually in 18, 24, and 36 days respectively. A works for 4 days, after which B joins him. After another 3 days, C also joins them. How many more days are required to complete the remaining work?

a) 4 days
b) 5 days
c) 6 days
d) 7 days

12. In this number series 2, 7, 14, 23, ?, 47 one term is missing. Choose the correct alternative that will continue the same pattern and fill in the blank space?

a) 31
b) 28
c) 34
d) 38

13. Two numbers differ by 5. If their product is 336, then the sum of the two numbers is?

a) 27
b) 37
c) 47
d) 51

14. Speed of a boat in still water is 9 km/hr. It goes 12 km downstream and comes back to the starting point in three hours. What is the speed of water in the stream?

a) 3.5 km/hr
b) 3 km/hr
c) 5 km/hr
d) 5.5 km/hr

15. Due to an increase in taxes on electronic devices, the price of a 46" LED flat TV screen has increased to £845, which is a 30% increase from the original price. What was the original price of the TV prior to the increase?

a) £515.45
b) £591.5
c) £650
d) £676

16. Five friends - P, Q, R, S, and T- are sitting in a straight line facing North. Is R sitting at one of the extreme ends of the line?

Statement I*: P sits second to the left of S. Only two people sit between S and T. Q is an immediate neighbour of neither S nor P.*

Statement II*: R sits to the immediate right of P, who sits third to the left of T. S is not an immediate neighbour of T.*

Which option correctly describes the sufficiency of the statements?

a) Statement I alone is sufficient, but Statement II alone is not.
b) Statement II alone is sufficient, but Statement I alone is not.
c) Either Statement I alone or Statement II alone is sufficient.
d) Both Statements I and II together are necessary to answer the question.

17. Find odd one out from the given jumbled words - LNUAIMMIU, ELEST, OPERPC, NMKOYE, INCKLE ?

a) NMKOYE
b) LNUAIMMIU
c) OPERPC
d) ELEST

18. Five experts—P, Q, R, S, and T—belong to five different departments (Finance, Marketing, HR, IT, Legal) and travel to five different cities (London, Tokyo, New York, Paris, Berlin) from Monday to Friday, exactly one person per day.

Conditions:

i. *The expert from HR travels on Wednesday, but it is neither S nor R.*
ii. *Q goes to Tokyo, but not on Monday or Friday.*
iii. *The person traveling to Paris goes on the day immediately following the day the IT expert travels.*
iv. *P belongs to Finance and travels two days after the expert who goes to Berlin.*
v. *T travels to London, but his trip is scheduled after P's trip.*
vi. *S does not belong to Marketing or IT.*

Which combination correctly represents the Person — Department — City — Day for Thursday?

a) P — Finance — Paris — Thursday
b) Q — HR — Tokyo — Thursday
c) T — Legal — London — Thursday
d) S — HR — Berlin — Thursday

19. E, F, G, H and I are five sisters. G is younger than only two sisters. F is older than E but younger than G. I is not the oldest. Who is the oldest?

a) F
b) I
c) H
d) E

20. Select the option in which the words share the same relationship as shared by the pair of words - Gullible : Naive?

a) Diligent : Lazy
b) Fragile : Strong
c) Wealthy : Affluent
d) Ancient : Modern

PART B

21. Which of the following is the reporting framework prescribed by SEBI for listed companies in India to disclose information on their Environmental, Social and Governance (ESG) performance?

a) Business Responsibility and Sustainability Reporting (BRSR)
b) Corporate Environmental Responsibility Statement (CERS)
c) Sustainability and Governance Disclosure Framework (SGDF)
d) Environmental, Social and Governance Compliance Report (ESGCR)

22. The pathway set by United Nations Environment Programme to manage global warming limit breach, in the month of September 2026?

a) "Avoid, Control & Limit"
b) "Overshoot, Peak & Decline"
c) "Avoid, Control & Decline"
d) "Overshoot, Peak & Control"

23. Which method is commonly used to treat wastewater biologically?

a) Activated sludge process
b) Screening only
c) Chlorination only
d) Grit removal only

24. Which principle of the National Guidelines on Responsible Business Conduct (NGRBC) specifically focuses on businesses respecting and making efforts to protect and restore the environment?

a) Principle 4
b) Principle 6
c) Principle 7
d) Principle 9

25. Which approach best represents the fundamental philosophy of the GreenCo Rating System?

a) Compliance with statutory environmental requirements alone
b) Reduction of environmental impact through a systematic holistic approach
c) Focus exclusively on energy conservation
d) Achieving ISO 14001 certification

26. Which gas has far more warming power per tonne than CO_2?

a) Oxygen
b) Nitrogen
c) Methane
d) Argon

27. The central temperature goal of the Paris agreement is to

a) Keep global warming well below exactly 1°C and pursue effort to limit it to pre industrial level.
b) Limit global warming well below exactly 2°C and pursue effort to limit it to 1.5°C.
c) Limit global warming well below exactly 1.5°C and pursue effort to limit it to 1.0°C.
d) Maintain the temperature at pre – industrial levels.

28. In which year was the Environment (Protection) Act enacted in India, providing a comprehensive legal framework for the protection and improvement of the environment?

a) 1972
b) 1981
c) 1986
d) 1991

29. El Niño is associated with the warming of which region?

a) Central and eastern equatorial Pacific Ocean
b) Arctic Ocean only
c) North Atlantic only
d) Southern Indian Ocean exclusively

30. Which of the following best describes Scope 1 emissions?

a) Indirect emissions from purchased electricity consumed by an organisation
b) Indirect emissions arising from the use of products sold by an organisation
c) Direct greenhouse gas emissions from sources owned or controlled by an organisation
d) Emissions generated by suppliers during the production of purchased goods

31. Which strategy generally has the greatest material conservation benefit?

a) Recycling waste after generation
b) Preventing material waste at source
c) Sending waste to land fill
d) Increasing waste storage capacity

32. As per the Companies Act, 2013 of India, eligible companies are required to spend at least what percentage of their average net profits of the preceding three financial years on Corporate Social Responsibility (CSR) activities?

a) 1%
b) 2%
c) 3%
d) 5%

33. The phenolic compounds in public water supply should not be more than

a) 0.1 ppm
b) 0.01 ppm
c) 0.001 ppm
d) 0.0001 ppm

34. The areas not included in primary focus of CII GreenCo certification System

a) Waste management
b) Biodiversity
c) Occupational Safety
d) Material conservation

35. Water vapour is a greenhouse gas and contributes significantly to the Earth's natural greenhouse effect. Why is it generally not considered a primary driver of long-term climate change?

a) Water vapour does not absorb infrared radiation effectively.
b) Its atmospheric concentration is mainly controlled by temperature and the hydrological cycle, rather than by direct human emissions.
c) Water vapour occurs only in the lower atmosphere and therefore has no effect on global temperature.
d) Water vapour reflects all incoming solar radiation and therefore offsets its greenhouse effect.

36. Thermal belts are:

a) Pockets of warm air resting on a valley during the afternoon.
b) Pockets of cold air resting on a valley floor at night.
c) Warmer hillsides that are less likely to experience freezing conditions.
d) Cold, below-freezing air found at the top of a mountain.

37. Which activity is most closely associated with Green supply chain management?

a) Sustainable sourcing
b) Environmental evaluation of suppliers
c) Reverse logistics
d) All of the above

38. Which of the following characteristics would most appropriately lead to a waste being classified as hazardous?

a) The waste is generated from an industrial process and contains materials that are difficult to recycle.
b) The waste has a high moisture content and requires specialized transportation and disposal facilities.
c) Waste that, due to its physical, chemical, or biological characteristics, can pose a significant risk to human health or the environment.
d) The waste is generated in significant quantities and cannot be economically treated using conventional waste-management methods.

39. One carbon credit is equivalent to how much carbon dioxide (CO_2) or its greenhouse gas equivalent?

a) 1 kilogram
b) 1 metric ton
c) 10 metric tons
d) 100 metric tons

40. Which emission source is most likely to be classified under scope 3?

a) Company owned diesel generator
b) Company owned vehicle
c) Purchased raw materials and upstream transportation
d) Fuel burned in the organisation's boiler

41. Under the SEBI BRSR framework, which of the following best describes the purpose of the BRSR Core?

a) To provide a voluntary framework exclusively for reporting a company's financial performance.
b) To establish a set of sustainability-related key performance indicators for more consistent and comparable reporting.
c) To replace the statutory financial statements and annual report of listed companies.
d) To require companies to report only their direct greenhouse gas emissions and energy consumption.

42. COP on climate change is organised under the frame work of

a) WHO
b) WTO
c) UNFCCC
d) UNDP

43. What is the full form of the abbreviation "GRI" in the context of ESG and sustainability reporting?

a) Global Reporting Initiative
b) Global Responsibility Index
c) Governance and Reporting Initiative
d) Green Reporting and Impact

44. In the context of carbon accounting, what does the term 'additionality' mean?

a) The process of adding extra offset credits to a portfolio as a buffer against project failure.
b) The emission reduction project would not have occurred without the financial incentive provided by carbon credit sales.
c) The cumulative total of carbon dioxide removed over and above the baseline corporate footprint.
d) The requirement to account for Scope 3 emissions in addition to Scope 1 and Scope 2 emissions.

45. Carbon neutral means:

a) Eliminating all CO_2 emissions.
b) Reducing GHG emissions by 50%.
c) Balancing CO_2 emissions with equivalent carbon reductions or removals.
d) Using only removable energy.

46. Which of the following best explains why reducing carbon dioxide (CO_2) emissions is critical for limiting long-term global warming?

a) CO_2 directly destroys the ozone layer, causing global warming
b) CO_2 absorbs and re-emits outgoing infrared radiation, and its long atmospheric lifetime contributes to persistent warming
c) Higher atmospheric CO_2 concentrations enhance the greenhouse effect primarily by increasing the amount of heat absorbed from incoming solar radiation
d) CO_2 is the only greenhouse gas responsible for climate change

47. _____ is defined as an ecological state of a species being unique to a specific geographic location.

a) Exotic species
b) Endemic species
c) Ecosystem
d) None of the above

48. Which greenhouse gas has the highest atmospheric concentration?

a) CO_2
b) CH_4
c) N_2O
d) Water vapour

49. India has announced a target to achieve net-zero emissions by which year?

a) 2050
b) 2060
c) 2070
d) 2080

50. Which of the following is a manmade source of air pollution?

a) Automobile exhaust
b) Forest fire
c) Bacterial action in soil and swamp areas
d) All (a), (b) and (c)

51. Which of the following international standards provides the framework for an Environmental Management System (EMS)?

a) ISO 45001
b) ISO 9001
c) ISO 14001
d) ISO 27001

52. The Kyoto protocol was adopted at COP?

a) COP 1
b) COP 3
c) COP 5
d) COP 7

53. What is the full form of COD?

a) Chemical Oxygen Demand
b) Carbon Oxygen Density
c) Chemical Organic Discharge
d) Carbon Oxide Demand

54. Climate change adaptation means

a) Reducing green-house gas emissions
b) Adjusting to actual or expected climate impacts
c) Decreasing carbon emissions
d) Increasing renewable energy

55. Which of the following greenhouse gases has the higher global warming potential (GWP) among the commonly recognized major greenhouse gases?

a) Carbon dioxide (CO_2)
b) Methane (CH_4)
c) Nitrous oxide (N_2O)
d) Sulphur hexafluoride (SF_6)

56. Which framework is the most widely used standard for defining Scope 1, 2 and 3 emissions?

a) The Kyoto Protocol
b) The Montreal Protocol
c) The Basel Convention
d) The Greenhouse Gas (GHG) Protocol

57. The United Nations Conference on the Human Environment, in which India participated, was held in which year and at which place?

a) 1970, Geneva
b) 1972, Stockholm
c) 1975, Paris
d) 1978, New York

58. Which renewable energy technology converts sunlight directly into electricity using semiconductor materials?

a) Biomass burner
b) Hydroelectric dam
c) Geothermal power
d) Photovoltaic solar

59. In solid waste management, what is the main goal of composting organic materials?

a) Generating electricity
b) Extracting heavy metals
c) Producing nutrient-rich soil
d) Purifying wastewater

60. In hazardous waste management, what is the primary purpose of performing a Toxicity Characteristic Leaching Procedure (TCLP)?

a) Assessing the thermal degradation temperature of polychlorinated biphenyls (PCBs).
b) Measuring the total organic carbon content in industrial wastewater effluents.
c) Evaluating the bioaccumulation potential of synthetic chemicals in aquatic organisms.
d) Determining whether a waste exhibits the characteristic of toxicity under Simulated Landfill Conditions.

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