



SYNERGY RECRUITMENT EXAMINATION 2023-2024

May 15- 19, 2023

DECK CADET EXAM

Registration Link: <https://synergyexam.excelindia.com/Synergy/>

Eligibility:

For XII qualified candidates:

- Should have been born after 1/January/1999
- Should have scored 60% in Physics, Chemistry and Mathematics in Class XII
- Should have scored 60% Overall Aggregate in Class XII and 50% mark in English.
- Should have completed pre-sea training from DG approved institute.
- Should be appearing in the final semester exam of the course in Maritime Training Institute

For B.Sc. (Nautical Science)

- Final year aggregate of 55% and should have 50% in English.
- Candidate pursuing 2nd year of B.Sc. Nautical Science in recognized marine institutes can also apply.

Entrance Exam for Recruitment of Deck cadets 2023 Examination syllabus:

- The examination will be conducted Online at our registered test center.
- The Examination duration will be 3 hours (180 minutes).
- The examination will comprise of 200 MCQ (Multiple Choice Questions) inclusive of 100 Knowledge based questions (Marine subjects and 100 English and aptitude-based questions.
- Each question answered correctly is awarded 1 mark. There is a negative marking of 0.25 for every wrong answer. No marks are awarded or deducted for un-attempted questions.
- Testing Areas for knowledge:
 - Terrestrial Navigation.
 - Knowledge of navigational instruments.
 - Navigation- Charts, Lights, shapes and sound signals, concept of time, position plotting fundamentals.
 - Basic Ship construction and Naval architecture.
 - Fire Safety- Knowledge of basic firefighting equipment
 - Basic cargo work- knowledge of terms.
 - Basic terms associated with stability, understanding of common terms associated with ships.
 - Meteorology and Oceanography
- Questions in subject knowledge areas will be from the approved syllabus of DNS / BSc Nautical Science

Question Pattern

Total Question	200
Duration of Test	180 minutes

- **Section A – Knowledge Based - 100 MCQ (MCQ based on Marine subjects)**
- **Section B – English and Aptitude - 100 MCQ (Numerical Reasoning and Data Interpretation, Verbal Reasoning, Nonverbal reasoning (Spatial and Abstract Reasoning) and English)**

Note:

1. Kindly note that the selection procedure involves the candidates clearing the Entrance Examination, Medicals, Interview & Psychometrics, and Document verification.
2. Applications are open for both **male** and **female** candidates.
3. The last date for registration for the examination is **May 01, 2023**.



SYNERGY RECRUITMENT EXAMINATION

2023-2024

May 15- 19, 2023

ENGINE CADET EXAM

Registration Link: <https://synergyexam.excelindia.com/Synergy/>

Eligibility:

- Should have been born after 1/January/1997
- Should have scored 60% in Physics, Chemistry and Mathematics in Class XII
- Should have scored 60% Overall Aggregate in Class XII
- In case of Diploma in Marine Engineering – Should have an aggregate of 60% aggregate.
- Should have obtained 50% marks in English in Class X or Class XII or equivalent.
- Should have completed pre-sea training; or
- Should be in 3rd yr or appearing in final semester of Marine Engineering at Pre Sea training in a Maritime training institute or have completed the Marine Engineering course. Also, should have 50% aggregate in 3rd and final year.

Entrance Exam for Recruitment of Engine cadets 2023 Examination syllabus:

- The examination will be conducted Online at our registered test center.
- The Examination duration will be 3 hours (180 minutes).
- The examination will comprise of 200 MCQ (Multiple Choice Questions) inclusive of 100 **Knowledge based questions (Marine Engineering subjects) and 100 English and aptitude-based questions.**
- Each question answered correctly is awarded 1 mark. There is a negative marking of 0.25 for every wrong answer. No marks are awarded or deducted for un-attempted questions.
- Testing Areas for knowledge: (100 MCQ)- **(Marine Engineering subjects)**
 - Marine Engines.
 - All Marine Auxiliary machinery.
 - Machine design and drawing
 - Basic Ship construction and Naval architecture.
 - Fire Safety- Knowledge of basic firefighting equipment
 - Materials and metallurgy
 - Basic Electricity and Electronics.
 - Other questions in knowledge area will be from the approved syllabus of BE (Marine Eng.) / B.E (Mech.), as the case may be.

Question Pattern

Total Question	200
Duration of Test	180 minutes

- **Section A – Knowledge Based - 100 MCQ (MCQ based on Marine subjects)**
- **Section B – English and Aptitude - 100 MCQ (Numerical Reasoning and Data Interpretation, Verbal Reasoning, Nonverbal reasoning (Spatial and Abstract Reasoning) and English)**

Note:

1. Kindly note that the selection procedure involves the candidates clearing the Entrance Examination, Medicals, Interview & Psychometrics, and Document verification.
2. Applications are open for both **male** and **female** candidates.
3. The last date for registration for the examination is **May 01, 2023**.



SYNERGY RECRUITMENT EXAMINATION

2023-2024

May 15- 19, 2023

GP RATING EXAM

Registration Link: <https://synergymax.excelindia.com/Synergy/>

Eligibility:

- Should have been born On or before 01 Jan 2005 and After 01 Jan 1999
- Should have scored 50% in Class X (50% in Final year if Diploma from ITI) and 50% in English
- Should have completed pre-sea training; or
- Should be appearing in the final semester exam of the course in Maritime Training Institute

Entrance Exam for Recruitment of GP rating 2023 Examination syllabus:

- The examination will be conducted Online at our registered test center.
- The Examination duration will be 3 hours (180 minutes).
- The examination will comprise of 200 MCQ (Multiple Choice Questions) inclusive of 100 Knowledge based questions and 100 **English & aptitude-based questions.**
- Each question answered correctly is awarded 1 mark. There is a negative marking of 0.25 for every wrong answer. No marks are awarded or deducted for un-attempted questions.
- Section A – Navigation, Cargo handling and safety
 - General ship knowledge
 - Nautical terms and parts of a ship
 - Basic Navigation – Terms used, helm orders, elementary rules of the road and buoyage, Basic flags and their usage, watchkeeping and reporting, identify navigational equipment and their uses, mooring and anchoring terms and procedures, emergency, and actions.
 - Cargo Handling and stowage at basic level- cargo handling equipment, stowage, securing of cargo/containers, hold preparation, stores handling.
 - Lifting equipment and safety – Basic firefighting equipment, safe working loads of equipment, rope work, safe working practices.
- Section B – Machinery Operations, workshop practice and safety
 - Machinery and emergency equipment in a ship and their purpose.
 - Basic workshop practice – Turning, fitting, arc and gas welding/ cutting, drilling etc. Identification of tools.
 - Safety precautions during work, identification of alarms.
 - Level measurement, lubrication and watch keeping.
 - Basic electrical safety, electrical hand tools for maintenance.
- All questions in the knowledge areas will be from the approved DG syllabus for GP Ratings course (Training Circular 1 of 2018)

Question Pattern

Total Question	200
Duration of Test	180 minutes

Section A – Navigation, Cargo handling and safety - 50 MCQ questions

Section B – Machinery Operations, workshop practice and safety - 50 MCQ questions

Section C – English and Aptitude - 100 MCQ (Numerical Reasoning and Data Interpretation, Verbal Reasoning, Nonverbal reasoning (Spatial and Abstract Reasoning) and English)

Note:

1. Kindly note that the selection procedure involves the candidates clearing the Entrance Examination, Medicals, Interview & Psychometrics, and Document verification.
2. Applications are open for both **male** and **female** candidates.
3. The last date for registration for the examination is **May 01, 2023.**



SYNERGY RECRUITMENT EXAMINATION

2023-2024

May 15- 19, 2023

TRAINEE GS EXAM

Registration Link: <https://synergyexam.excelindia.com/Synergy/>

Eligibility:

- Should have been born after 01 Jan 2005 and After 01 Jan 1999
- Should have scored 50% in Class X and 50% in English language.
- Should have completed Certificate Course in Maritime Catering (CCMC) of minimum six months from a DGCA approved institution **OR**
- Should have completed Degree / Diploma / Certificate in Catering (Food Production) of minimum six months from an Govt. recognized institution.

Entrance Exam for Recruitment of Tr. GS 2023 Examination syllabus:

- The examination will be of the online format of duration 3 hours (180 minutes).
- The examination will be of the objective type comprising of 200 questions. A total of 100 questions will test knowledge and 100 questions that test aptitude.
- Each question answered correctly is awarded 1 mark and every question answered incorrectly is awarded 0.25 negative mark. Un-attempted questions are not marked (no plus or minus marks).
- Testing areas for knowledge (Section A) – 100 questions
 - Food Production
 - Food & Beverage Service
 - House Keeping
 - Food safety
 - Hygiene.
- Section B – Aptitude - 100 questions

100 MCQ (Numerical Reasoning and Data Interpretation, Verbal Reasoning, Non verbal reasoning (Spatial And Abstract Reasoning) and English)

Question Pattern

Total Question	200
Duration of Test	180 minutes

Note:

1. Kindly note that the selection procedure involves the candidates clearing the Entrance Examination, Medicals, Interview & Psychometrics, and Document verification.
2. Applications are open for both **male** and **female** candidates.
3. The last date for registration for the examination is **May 01, 2023**.



SYNERGY RECRUITMENT EXAMINATION 2023-2024

May 15- 19, 2023

DNS LEADING TO BSc. APPLIED NAUTICAL SCIENCE

Note : Sponsorship is only for placement of Candidates in IMU approved pre sea training Institutes and **does not include fees** for the Candidate. Clearing **IMUCET Examination** is a mandatory criterion for selection.

Registration Link: <https://synergyexam.excelindia.com/Synergy/>

Eligibility:

- Should have been born on or before 01 Jan 2006 and After 01 Jan 1999
- Should have scored 60% in Physics, Chemistry and Mathematics in Class XII or Equivalent
- Should have scored 60% Overall Aggregate in Class XII or Equivalent
- Should have obtained 50% marks in English in Class X or XII or Equivalent
- Should have passed Class XII or Equivalent OR
- Should be appearing in class XII exam in year 2023.

Entrance Exam for Recruitment of Deck cadets 2023 Examination syllabus:

- The examination will be conducted Online at our registered test center.
- The Examination duration will be 3 hours (180 minutes).
- The examination will comprise of 200 MCQ (Multiple Choice Questions) inclusive of 100 Knowledge based questions **(CBSE /ICSE syllabus) and 100 English and aptitude-based questions.**
- Each question answered correctly is awarded 1 mark. There is a negative marking of 0.25 for every wrong answer. No marks are awarded or deducted for un-attempted questions.
- Testing Areas for Section A- Knowledge:
 - Questions based on class XII Physics, Chemistry and Mathematics from the approved syllabus of CBSE / ICSE board.

Examination Paper Pattern

Total Question	200
Duration of Test	180 minutes

SECTION A - Knowledge

- 100 MCQ (Physics, Chemistry and Mathematics from CBSE/ ICSE syllabus)

SECTION B - English and Aptitude

- 100 MCQ (Numerical Reasoning and Data Interpretation, Verbal Reasoning, Nonverbal reasoning (Spatial and Abstract Reasoning) and English)

Note:

1. Kindly note that the selection procedure involves the candidates clearing the Entrance Examination, Medicals, Interview & Psychometrics, and Document verification.
2. Applications are open for both **male** and **female** candidates.
3. The last date for registration for the examination is **May 01, 2023**.



SYNERGY RECRUITMENT EXAMINATION

2023-2024

May 15- 19, 2023

GRADUATE MARINE ENGINEER (GME) EXAM

Note : Sponsorship is Only for placement of Candidates in IMU approved pre sea training Institutes and **does not include fees** for the Candidate

Registration Link: <https://synergyexam.excelindia.com/Synergy/>

Eligibility:

- Should have been born after 1/January/1996
- Should have scored 60% in Physics, Chemistry and Mathematics in Class XII
- Should have scored 60% Overall Aggregate in Class XII
- In case of Diploma – Should have aggregate of 65%
- Should have obtained 50% marks in English in Class XII or equivalent.
- Should have completed B TECH / BE in Mechanical Engineering with 50% aggregate OR
- Should be appearing in final semester exam B TECH / BE In Mechanical Engineering. Kindly note that in this case, selection is subject to meet the criteria of 50% in final results.

Entrance Exam for Recruitment of Engine cadets 2023 Examination syllabus:

- The examination will be of the online format of duration 3 hours (180 minutes).
- The examination will be of the objective type comprising of 200 questions. A total of 100 questions will test knowledge and 100 questions **to test English and aptitude**.
- Each question answered correctly is awarded 1 mark and every question answered incorrectly is awarded 0.25 negative mark. Un-attempted questions are not marked (no plus or minus marks).
- Testing Areas for knowledge: **(100 questions)**
 - Syllabus Based B TECH/ BE Mechanical engineering (Mechanical Engineering - Gate Syllabus)
- Other questions in knowledge area will be from the approved syllabus of BE /BTECH Mechanical as the case may be.

Question Pattern

Total Question	200
Duration of Test	180 minutes

Section A – Knowledge - 100 MCQ– (Mechanical Engineering – Gate Syllabus)

Section B – English and Aptitude - 100 MCQ (Numerical Reasoning and Data Interpretation, Verbal Reasoning, Non verbal reasoning (Spatial and Abstract Reasoning) and English)

Note:

1. Kindly note that the selection procedure involves the candidates clearing the Entrance Examination, Medicals, Interview & Psychometrics, and Document verification.
2. Applications are open for both **male** and **female** candidates.
3. The last date for registration for the examination is **May 01, 2023**.



SYNERGY RECRUITMENT EXAMINATION 2023-2024

May 15- 19, 2023

ELECTRO TECHNICAL OFFICER

Registration Link: <https://synergyexam.excelindia.com/Synergy/>

Eligibility:

- Should have been born after 1 Jan 1989
- The candidate should have completed class 12th with an aggregate of **60%** with Physics, Chemistry and Maths as major subjects.
- The candidate should have completed a bachelor's degree in **BTech/BE in Electrical Engineering, Electronics & Communications, Telecommunication** or a related field or a **Diploma in Engineering** with at least 50% aggregate.
- Candidates pursuing final year are also eligible to apply but selection will be subject to meeting the criteria of 50% aggregate in final year.

Entrance Exam for Recruitment of Engine cadets 2023 Examination syllabus:

- The examination will be conducted Online at our registered test center.
- The Examination duration will be 3 hours (180 minutes).
- The examination will comprise of 200 MCQ (Multiple Choice Questions) inclusive of 100 **Knowledge based questions (Electrical/Electronics Engineering subjects) and 100 English and aptitude-based questions.**
- Each question answered correctly is awarded 1 mark. There is a negative marking of 0.25 for every wrong answer. No marks are awarded or deducted for un-attempted questions.
- Testing Areas for knowledge: (100 MCQ)- **(Electrical/Electronics Engineering subjects)**
 - Power Electronics and Drives
 - Electrical Machines
 - Electronics and Control Systems
 - Control Systems
 - Analog and Digital Electronics
 - Protection and switchgear
 - Power Systems
 - Electrical and Electronic Measurements
 - Signals and Systems
 - Basic Electricity and Electronics.
 - Basic Physics.

Question Pattern

Total Question	200
Duration of Test	180 minutes

Section A – Knowledge - 100 MCQ (MCQ based on Electrical/Electronics subjects)

Section B – English and Aptitude - 100 MCQ (Numerical Reasoning and Data Interpretation, Verbal Reasoning, Nonverbal reasoning (Spatial and Abstract Reasoning) and English)

Note:

1. Kindly note that the selection procedure involves the candidates clearing the Entrance Examination, Medicals, Interview & Psychometrics, and Document verification.
2. Applications are open for both **male** and **female** candidates.
3. The last date for registration for the examination is **May 01, 2023.**