

SSC-JE 2020
GENERAL AWARENESS & REASONING
PRELIMINARY EXAMINATION

GENERAL AWARENESS & REASONING
PREVIOUS YEARS OBJECTIVE
DETAILED SOLUTION
2004-2018



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First Edition : 2019

Second Edition : 2020

PREFACE

There are so many variables to this Paper of SSC-JE that it becomes a nightmare situation for students to figure out any pattern, which they can work upon. Facts, reasoning, fundamentals, analytics, chronology, current, all come raining from various directions from subjects like History, Geography, Arithmetic, Economy, Polity, Culture, Life Sciences, General Knowledge, etc. But when the content is treated the way it is tested at SSC-JE, it dispels the darkness, and ushers in the light that leads you to the right direction.

IES Master '**SSC-JE General Awareness and Reasoning**' book is all about the right content arrived after distilling years of SSC-JE question papers from the past. Patient and persistent, as you read through the lines, phrases, and paragraphs, provided in the explanation to each and every question, your fear vanishes, giving you the handle to steer your preparation.

In doing so, you organize your knowledge, and you customize your preparation. With this clarity into the framework of SSC-JE, the revised and updated edition of this book, having **40 sets of Previous Years Questions and Detailed Solutions**, promises to help you appreciate the techniques and processes deployed by the Selection Commission, and helps you prepare in line with the desired level of exam.

Using smart learning techniques, IES Master Research & Development team has crafted a jewel in its effort to integrate and map the desired knowledge that is in synch with the exam trend. Right content keeps you motivated and helps you unlock your full potential whereby you draw upon a spirit that can withstand the pressure cooker like situation of the exam hall.

Having realized the self in shaping up to the competition, SSC-JE exam becomes just another exam.

IES Master Publication
New Delhi

EXAM PATTERN

PAPERS	MODE OF EXAMINATION	SUBJECT	NUMBER OF QUESTIONS	MAXIMUM MARKS	DURATION & TIMINGS
Paper-I Objective Type	Computer Base Mode	(i) General Intelligence & Reasoning	50	50	2 Hours
		(ii) General Awareness	50	50	Morning Shift
		(iii) General Engineering	100	100	Evening Shift
Paper-II Conventional Type	Written Examination	General Engineering (Civil and Structural / Mechanical / Electrical)		300	2 Hours

SYLLABUS

PAPER-I

General Awareness

Questions will be aimed at testing the candidate's general awareness of the environment around him/her and its application to society. Questions will also be designed to test knowledge of current events and of such matters of everyday observations and experience in their scientific aspect as may be expected of any educated person. The test will also include questions relating to India and its neighbouring countries especially pertaining to History, Culture, Geography, Economic Scene, General Polity and Scientific Research, etc. These questions will be such that they do not require a special study of any discipline.

General Intelligence & Reasoning

The Syllabus for General Intelligence would include questions of both verbal and non-verbal type. The test may include questions on analogies, similarities, differences, space visualization, problem solving, analysis, judgement, decision making, visual memory, discrimination, observation, relationship concepts, arithmetical reasoning, verbal and figure classification, arithmetical number series etc. The test will also include questions designed to test the candidate's abilities to deal with abstract ideas and symbols and their relationships, arithmetical computations and other analytical functions.

General Engineering

Civil and Structural / Mechanical / Electrical

CONTENT

1. GENERAL AWARENESS	01 – 367
General Awareness 2004	01 – 05
General Awareness 2005	06 – 10
General Awareness 2007	11 – 15
General Awareness 2008	16 – 19
General Awareness 2009	20 – 24
General Awareness 2010	25 – 33
General Awareness 2011	34 – 42
General Awareness 2012	43 – 53
General Awareness 2013	54 – 63
General Awareness 2014 (Morning Session)	64 – 73
General Awareness 2014 (Evening Session)	74 – 81
General Awareness 2015	82 – 90
General Awareness 2016 01 Mar 2017 (Morning Session)	91 – 103
General Awareness 2016 01 Mar 2017 (Evening Session)	104 – 113
General Awareness 2016 02 Mar 2017 (Morning Session)	114 – 124
General Awareness 2016 02 Mar 2017 (Evening Session)	125 – 133
General Awareness 2016 03 Mar 2017 (Morning Session)	134 – 144
General Awareness 2016 03 Mar 2017 (Evening Session)	145 – 154
General Awareness 2016 04 Mar 2017 (Morning Session)	155 – 165
General Awareness 2016 04 Mar 2017 (Evening Session)	166 – 176
General Awareness 2017 22 Jan 2018 (Morning Session)	177 – 185
General Awareness 2017 22 Jan 2018 (Evening Session)	186 – 194
General Awareness 2017 23 Jan 2018 (Morning Session)	195 – 203
General Awareness 2017 23 Jan 2018 (Evening Session)	204 – 213
General Awareness 2017 24 Jan 2018 (Morning Session)	214 – 222
General Awareness 2017 24 Jan 2018 (Evening Session)	223 – 231
General Awareness 2017 25 Jan 2018 (Morning Session)	232 – 239

General Awareness 2017 25 Jan 2018 (Evening Session)	240 – 248
General Awareness 2017 27 Jan 2018 (Morning Session)	249 – 257
General Awareness 2017 27 Jan 2018 (Evening Session)	258 – 265
General Awareness 2017 29 Jan 2018 (Morning Session)	266 – 273
General Awareness 2017 29 Jan 2018 (Evening Session)	274 – 281
General Awareness 2018 23 Sept 2019 (Morning Session)	282 – 292
General Awareness 2018 23 Sept 2019 (Evening Session)	293 – 303
General Awareness 2018 25 Sept 2019 (Morning Session)	304 – 314
General Awareness 2018 25 Sept 2019 (Evening Session)	315 – 326
General Awareness 2018 26 Sept 2019 (Morning Session)	327 – 336
General Awareness 2018 26 Sept 2019 (Evening Session)	337 – 347
General Awareness 2018 27 Sept 2019 (Morning Session)	348 – 356
General Awareness 2018 27 Sept 2019 (Evening Session)	357 – 367

2. GENERAL INTELLIGENCE AND REASONING 368 – 730

General Intelligence and Reasoning 2010	368 – 376
General Intelligence and Reasoning 2011	377 – 385
General Intelligence and Reasoning 2012	386 – 395
General Intelligence and Reasoning 2013	396 – 406
General Intelligence and Reasoning 2014 (Morning Session)	407 – 416
General Intelligence and Reasoning 2014 (Evening Session)	417 – 426
General Intelligence and Reasoning 2015	427 – 437
General Intelligence and Reasoning 2016 01 Mar 2017 (Morning Session)	438 – 448
General Intelligence and Reasoning 2016 01 Mar 2017 (Evening Session)	449 – 457
General Intelligence and Reasoning 2016 02 Mar 2017 (Morning Session)	458 – 467
General Intelligence and Reasoning 2016 02 Mar 2017 (Evening Session)	468 – 477
General Intelligence and Reasoning 2016 03 Mar 2017 (Morning Session)	478 – 487
General Intelligence and Reasoning 2016 03 Mar 2017 (Evening Session)	488 – 497
General Intelligence and Reasoning 2016 04 Mar 2017 (Morning Session)	498 – 507
General Intelligence and Reasoning 2016 04 Mar 2017 (Evening Session)	508 – 517
General Intelligence and Reasoning 2017 22 Jan 2018 (Morning Session)	518 – 528
General Intelligence and Reasoning 2017 22 Jan 2018 (Evening Session)	529 – 538
General Intelligence and Reasoning 2017 23 Jan 2018 (Morning Session)	539 – 549
General Intelligence and Reasoning 2017 23 Jan 2018 (Evening Session)	550 – 560
General Intelligence and Reasoning 2017 24 Jan 2018 (Morning Session)	561 – 570
General Intelligence and Reasoning 2017 24 Jan 2018 (Evening Session)	571 – 580
General Intelligence and Reasoning 2017 25 Jan 2018 (Morning Session)	581 – 590
General Intelligence and Reasoning 2017 25 Jan 2018 (Evening Session)	591 – 599
General Intelligence and Reasoning 2017 27 Jan 2018 (Morning Session)	600 – 609
General Intelligence and Reasoning 2017 27 Jan 2018 (Evening Session)	610 – 619
General Intelligence and Reasoning 2017 29 Jan 2018 (Morning Session)	620 – 629
General Intelligence and Reasoning 2017 29 Jan 2018 (Evening Session)	630 – 639

General Intelligence and Reasoning 2018 23 Sept 2019 (Morning Session)	640 – 651
General Intelligence and Reasoning 2018 23 Sept 2019 (Evening Session)	652 – 661
General Intelligence and Reasoning 2018 25 Sept 2019 (Morning Session)	662 – 674
General Intelligence and Reasoning 2018 25 Sept 2019 (Evening Session)	675 – 685
General Intelligence and Reasoning 2018 26 Sept 2019 (Morning Session)	686 – 696
General Intelligence and Reasoning 2018 26 Sept 2019 (Evening Session)	697 – 708
General Intelligence and Reasoning 2018 27 Sept 2019 (Morning Session)	709 – 719
General Intelligence and Reasoning 2018 27 Sept 2019 (Evening Session)	720 – 730

2018

23 Sept. 2019
(Morning Session)

GENERAL AWARENESS

- Which article of the Constitution of India empowers a state government to promulgate an ordinance?
(a) Article 251 (b) Article 213
(c) Article 100 (d) Article 166
 - Which of the following lakes was formed as a result of a meteor crashing into Earth during the Pleistocene Epoch?
(a) Lonar Lake (b) Sambar Lake
(c) Wular Lake (d) Naini Lake
 - The emergency number for immediate assistance in case of distress operational as of April 2019 in 20 states and union territories in India is _____.
(a) 1098 (b) 112
(c) 200 (d) 105
 - Which of the following ports is located on the eastern coast of India?
(a) Kochi (b) Nhava Sheva
(c) Kamarajar (d) Murmagoa
 - 'Angstrom' is a unit of measurement of _____.
(a) height (b) density
(c) length (d) time
 - 'Polavaram Irrigation Project' is being constructed on:
(a) Godavari river (b) Kaveri river
(c) Krishna river (d) Mahanadi river
 - 'Kyoto Protocol' is related to the convention on:
(a) climate change (b) cross-border terrorism
(c) tax havens (d) banning nuclear tests
 - Who was the founder of the Shunga dynasty?
(a) Kunal (b) Brihadratha
(c) Pushyamitra (d) Jayadratha
 - In May 2019, India's first 'tree ambulance' was launched in _____.
(a) Hyderabad (b) Bhopal
(c) Chennai (d) Bengaluru
 - As per the Constitution of India, the term of the members of 'Council of States' is for:
(a) 4 years (b) 6 years
(c) 3 years (d) 5 years
 - Which of the following planets is also known as a 'gas giant'?
(a) Venus (b) Jupiter
(c) Mars (d) Mercury
 - Kanshi Ram was the founder of _____ political party.
(a) Samajwadi Party
(b) Bahujan Samaj Party
(c) Bahujan Shanti Munch party
(d) Lok Bhalai Party
 - One of the most commonly used methods for reduction of metal oxides into metals is _____.
(a) Heating
(b) Hydraulic Washing
(c) Magnetic Separation
(d) Cooling
 - Which of the following acronyms represents India's national level programme to promote hybrid and electric vehicles?
(a) UDAAN (b) BREATHE
(c) FAME (d) HAEV
 - In January 2019, a Rs. 350 commemorative coin was issued to mark the birth anniversary of:
(a) Guru Hargobind (b) Guru Gobind Singh
(c) Guru Har Rai (d) Guru Arjan Dev
 - Which of the following phenomenon is responsible for Coriolis force?
-

ANSWER KEY

1. (b)	11. (b)	21. (a)	31. (d)	41. (a)
2. (a)	12. (b)	22. (b)	32. (a)	42. (d)
3. (b)	13. (a)	23. (a)	33. (b)	43. (b)
4. (c)	14. (c)	24. (d)	34. (b)	44. (d)
5. (c)	15. (b)	25. (b)	35. (b)	45. (a)
6. (a)	16. (c)	26. (d)	36. (c)	46. (a)
7. (a)	17. (d)	27. (c)	37. (c)	47. (b)
8. (c)	18. (d)	28. (c)	38. (d)	48. (b)
9. (c)	19. (a)	29. (c)	39. (c)	49. (a)
10. (b)	20. (c)	30. (d)	40. (a)	50. (a)

EXPLANATIONS

Sol-1: (b)

Article 251 is related to the inconsistency between laws made by Parliament under articles 249 and 250 and laws made by the Legislatures of States.

Article 213 is related to the empowers a Governor of state to promulgate Ordinances during recess of Legislature.

Article 100 is related to the voting in Houses, power of Houses to act notwithstanding vacancies and quorum.

Article 166 is related to the conduct of business of the Government of a State.

Sol-2: (a)

Lonar Lake was formed as a result of a meteor weighing 2 million tones that crashed into the earth during the Pleistocene Epoch (52000 years ago). The meteor created hole which was 1.8 km wide and 150m deep.

It is located in Buldhana district of Maharashtra, India.

Naini Lake is a natural freshwater body, situated

at Nainital in Uttarakhand State of India.

Sambhar Lake is the India's largest inland salt lake.

It is located 80 km from Jaipur & surrounds the historical Sambhar Lake Town.

It receives water from five rivers namely: Medtha, Samaod, Mantha, Rupangarh, Khari, and Khandela.

Wular Lake is one of the largest fresh water lakes in Asia, situated at Bandipora in the Union Territory of Jammu & Kashmir.

Sol-3: (b)**Sol-4: (c)**

Major Ports located on the eastern coast of India are: Tuticorin (Tamil Nadu), Chennai (Tamil Nadu), Ennore (Tamil Nadu), Visakhapatnam (Andhra Pradesh), Paradip (Odisha), Haldia & Kolkata (West Bengal), and Port Blair (Andaman & Nicobar Island).

Sol-5: (c)

Angstrom is a unit of length used to measure very small distances & is equal to 10^{-10} m.



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