ENTRANCE TEST
FOR
DR. AMBEDKAR COMPETITIVE EXAMINATION CENTRE,
YASHADA, PUNE
CONDUCTED BY
CENTRE FOR TALENT SEARCH & EXCELLENCE,
N. WADIA COLLEGE CAMPUS, PUNE

TIME ALLOWED: Two Hours
MAXIMUM MARKS: 200

INSTRUCTIONS

1. Immediately after the commencement of the examination, you should check that this test booklet does not have any unprinted or torn or missing pages or items, etc. If so, request for its replacement.

2. You have to enter your Examination Number on the Test Booklet in the Box provided alongside. DO NOT write / mark anything else on the Test Booklet.

3. This Test Booklet contains two parts as shown below.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>No. of Questions</th>
<th>Marks</th>
<th>Nature of Questions</th>
<th>Negative Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>50</td>
<td>100</td>
<td>Objective</td>
<td>One third for each wrong answer</td>
</tr>
<tr>
<td>II</td>
<td>40</td>
<td>100</td>
<td>Objective</td>
<td>One third for each wrong answer Except for Q. Nos. 85 to 90.</td>
</tr>
</tbody>
</table>

Each item is printed both in English and Marathi. Each item comprises four responses (answers). You will select the response which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose ONLY ONE response for each item.

4. You have to attempt all questions from Part - I and Part-II [Q. Nos. 1 to 90] from 11 am to 1 pm only. You have to mark all your responses for this objective parts ONLY on the separate Answer Sheet provided.

5. Under any circumstances attempting the questions cannot be extended after 1 pm.

6. Before you proceed to mark in the Answer Sheet the response to various items in the Test Booklet, you have to fill in some particulars in the Answer Sheet. This information is provided in your Admit Card.

7. After you have completed filling in all your responses on the Answer Sheet and the examination has concluded, you should hand over to the Invigilator only the Answer Sheet. You are permitted to take away with you the Test Booklet. You will not be allowed to leave the examination hall before 12 noon.

8. Sheets for rough work are appended in the Test Booklet at the end.

9. Penalty for wrong answers:

   THERE WILL BE PENALTY FOR WRONG ANSWERS MARKED BY A CANDIDATE in Part I and Part II EXCEPT FOR QUESTIONS FROM 85 TO 90, WHICH DO NOT CARRY ANY PENALTY FOR WRONG ANSWER.

   i) There are four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, one-third of the marks assigned to that question will be deducted as penalty.

   ii) If a candidate gives more than one answer, it will be treated as a wrong answer even if one of the given answers happens to be correct and there will be same penalty as above to that question.

   iii) If a question is left blank, i.e., no answer is given by the candidate, there will be no penalty for that question.

10. Please note that Part-I of this paper will be evaluated only if a candidate secures a minimum 33 marks in Part-II and final selection list will be prepared on the basis of marks secured in Part-I only.

11. Final result of this examination will be declared on the website www.yashada.org/acec
PART – I / भाग – 1

1. Which of the following statements are correct?
   1) The Central Government has set the inflation target (Consumer Price Index) to be 4% for the period from Aug. 2, 2016 to March 31, 2021 in consultation with the Reserve Bank.
   2) The upper tolerance limit for inflation is 7% and the lower tolerance limit is 3%.
   (1) Both the statements are true.
   (2) Statement 1 is correct and 2 is incorrect.
   (3) Statement 1 is incorrect and 2 is correct.
   (4) There is no such inflation targeting by the Central Government or by the Reserve Bank.

2. What was the Arghatta?
   A) Ravi Shankar Prasad
   B) Manoj Sinha
   C) Dr. Jitendra Singh
   D) Sudheer Bhargava

3. Who introduced the Right to information (Amendment) Bill 2019 in Loksabha?
   A) Ravi Shankar Prasad
   B) Manoj Sinha
   C) Dr. Jitendra Singh
   D) Sudheer Bhargava

4. Which of the following is / are the biodiversity hotspots in India?
   A) The eastern Ghat
   B) Eastern Himalayas
   C) Andaman and Nicobar Island
   D) The western Ghat

5. Which of the following current event/s is/are true?
   A) NITI Aayog, DRDO and Atal Innovation Mission (AIM) Jointly launched Youth Co-lab which aims at accelerating social entrepreneurship and innovation in young India.
   B) Article 19 of Constitution of India confers the media the right to broadcast their news.
   C) Prime Minister Narendra Modi inaugurated Swachh Bharat Diwas 2019 on the occasion of Mahatma Gandhi 150 birth anniversary in New Delhi.

6. Which of the following statements is correct?
   A) Marwad plateau lie to the west of Aravallis.
   B) Mewar plateau is located to the south of Arawallis.

7. In case of coarse cereals in India ........
   A) The area and its yield per hectare have reduced.
   B) The area has increased but yield has decreased.
   C) The area has reduced but yield has increased.
   D) There are fluctuation in both area and yield.

8. Which of the following statement is correct?
   A) Dr. Jitendra Singh
   B) Sudheer Bhargava
   C) A and B
   D) Both the statements are wrong

9. Which of the following current event/s is/are true?
   A) NITI Aayog, DRDO and Atal Innovation Mission (AIM) Jointly launched Youth Co-lab which aims at accelerating social entrepreneurship and innovation in young India.
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10. What was the Arghatta?

11. Which of the following is / are the biodiversity hotspots in India?

12. What was the Arghatta?

13. Who introduced the Right to information (Amendment) Bill 2019 in Loksabha?

14. Which of the following statement is correct?

15. Which of the following current event/s is/are true?

16. Which of the following statements is correct?

17. In case of coarse cereals in India ........

18. Which of the following statement is correct?

19. Which of the following current event/s is/are true?

20. Which of the following statements is correct?
8. Which of the following commodities constituted the main item of exports in Mughal India?
(1) Opium and Indigo  (2) Cotton and silk fabrics
(3) Bullion and horses  (4) Sugar and saltpetre

9. Who was the interim president of the first session of Constituent Assembly?
A) Dr. Sacchidanand Sinha  B) Dr. Rajendra Prasad
C) Dr. Babasaheb Ambedkar  D) C. Rajgopalchari

(1) D  (2) C  (3) B  (4) A

10. Which of the following statements are wrong?
A) Turpentine oil is obtained from the wood of Cedrus.
B) Nitroglycerine can be used as an explosive.
C) Morphine is an alkalioid.
D) The boiling point of water is 100°C K.

(1) A and D  (2) B and C  (3) A and B  (4) C and D

11. Which of the following statements are correct?
A) International snow Leopard Day is observed annually on October 23.
B) International stuttering Awareness day is observed on October 22 every year.
C) World Food Day is celebrated every year on October 16.

(1) A and B  (2) B and C  (3) A and C  (4) All are correct

12. Which of the following is a wrong pair?
(1) Bendibu - Western Australia  (2) Maori - New Zealand
(3) Yakut - Finland  (4) Kikuyu - Kenya

13. Which of the following is true with respect to national income?
1) It is a sum total of final goods and services in a particular year.
2) It includes the incomes of foreigners staying in India.
3) Gross national income excludes depreciation.
4) Net National income excludes depreciation.

(1) 1, 2, 3  (2) 1, 2, 4  (3) 2, 3, 4  (4) All of the above

14. Which amongst the following Indian rulers was a contemporary of Akbar?
(1) Rani Durgawati  (2) Ahilya Bai
(3) Martand Verma  (4) Sawai Jai Singh

15. Match the following.

<table>
<thead>
<tr>
<th>A) Untouchability Offences Act</th>
<th>i) Rajeev Gandhi</th>
</tr>
</thead>
<tbody>
<tr>
<td>B) Protection of Civil Rights Act</td>
<td>ii) Indira Gandhi</td>
</tr>
<tr>
<td>C) Scheduled Caste and Scheduled Tribes (Prevention of Atrocities)</td>
<td>iii) Pandit Nehru</td>
</tr>
<tr>
<td></td>
<td>iv) V. P. Singh</td>
</tr>
</tbody>
</table>

(1) A – i  B – iii  C – iv  (2) A – iii  B – ii  C – i
(3) A – iii  B – ii  C – iv
(4) A – iv  B – iii  C – ii

16. The boiling point of water is 100°C.
16. Which of the following statements are wrong?
A) Fe\(^{2+}\) ion is smaller in size than Fe\(^{2+}\).
B) On losing an election potassium atom will acquire an electronic configuration of Neon.
C) The compound used in breath analyzer for detecting consumption of drink by driver is potassium dichromate.
D) Testosterone is a hormone that contains iodine.

(1) B and C  (2) A and C  (3) B and D  (4) A and B

17. Identify the person.
A) He is born and brought up in Bihar, however, he is 1976 batch Kerala cadre IPS officer.
B) He was Director of Intelligence Bureau which is the highest post in IPS.
C) He was appointed as interlocutor by government of India for the state of Jammu and Kashmir.
D) He has been appointed recently as the new Administrator of Lakshadweep.

(1) Anirudh Singh  (2) Dineshwar Sharma  (3) Sunil Mahajan  (4) Ramesh Singh

18. Zooming refers to .........
(1) an activity which is related to the tribes.
(2) noise made by aquatic animals.
(3) it is a hunting by traditional weapons.
(4) it is related with mining activity.

19. Income inequality is shown with the help of
(1) Indifference curve.
(2) Production possibility curve.
(3) Laffer curve.
(4) Lorenz curve.

20. Which among the following Sultans called himself Naib – i – Khudai?
A) Alauddin Khilji
B) Balban
C) Ghiyasuddin Tughlaq
D) Iltutmish

21. Which of the following Acts were passed in the joint session of Indian Parliament?
A) Dowry Prohibition Bill
B) Banking Service Commission Repeal Bill
C) Prevention of Terrorist Activities Act
D) None of them

22. Drying vegetable oils like linseed, soya bean, safflower etc. are very important as solvents in the paint and varnish industries. Which of the following could be the possible reasons?
A) They have a very high content of saturated fatty acids.
B) They have a very high content of unsaturated fatty acids.
C) The readily absorb hydrogen on exposure to air.
D) They readily absorb nitrogen from the atmosphere when exposed to air.

23. Which of the following two films have won Asian Academy Creative Awards?
A) Uri  B) Gully Boy
C) Raazi  D) Delhi Crime

(1) B and D  (2) A and B  (3) A and C  (4) B and C
23. Arrange the presidents in ascending order of their tenure.
   a) Dr. Shankar Dayal Sharma  
   b) Gyanendra Singh  
   c) R. Venkat Raman  
   d) Neelam Sanjiv Reddy
   (1) d – b – c – a  
   (2) d – c – a – b  
   (3) d – a – c – b  
   (4) d – a – b – c

24. Read the two sentences and find out the correct alternative.
   A) Anthracite is the best quality of coal and is found in Jammu and Kashmir area.
   B) Generally anthracite is not found in Gondawana coal fields.
   (1) Statement A is correct and B is wrong.  
   (2) Statement B is correct but A is wrong.  
   (3) Both the statements A and B are correct.  
   (4) Both the statements A and B are wrong.

25. As per Economic Survey of 2018-19, what is correct of the following?
   1) There will be increase in the population in the age group 0 – 19.
   2) India is expected to experience slowdown in population growth rate in the next two decades.
   3) Some states will start to experience population aging by 2030.
   (1) 1 and 2  
   (2) 2 and 3  
   (3) All are correct  
   (4) All are incorrect

26. Who was ruling the Chola Kingdom at the time of Mahmammad Ghazni’s expedition of Somnath?
   (1) Uttama Chola  
   (2) Rajaraja I  
   (3) Rajendra I  
   (4) Kulotunga
   (1) Uttama Chola  
   (2) Rajaraja I  
   (3) Rajendra I  
   (4) Kulotunga

27. As per the Economic Survey 2017–2018 the ratio of gross fixed capital formation to GDP in 2017 was......
   (1) 25.4  
   (2) 36.5  
   (3) 26.4  
   (4) 28
31. The spot of India’s ............

32. Which one of the following fleet did the 1946 Naval Revolt start?
   (1) I. N. S. Virat
   (2) I. N. S. Vikrant
   (3) I. N. S. Crown
   (4) I. N. S. Talwar

33. Arrest of politicians in economic offences turns spotlight of India’s ............
   (1) Electoral mismanagement
   (2) Political funding system
   (3) Political Management system
   (4) Electoral activism

34. A device used for converting AC into DC is called as ..........
   (1) transformer
   (2) Induction coil
   (3) rectifier
   (4) Dynamo

35. Identify the person from the following data.
   A) He is a 1987 batch IAS offices of Odisha cadre.
   B) He had done M. A. in Economics from Panjab University and MBA from U. K.
   C) He has acquired wide experience in Industrial development, Financial management and Public finance.
   D) He has been appointed as secretary of the department of investment and Public Asset Management (DIPAM)
   (1) Tuhin kanta Pandey
   (2) Anil Kumar Khachi
   (3) Laxmi Nibas Mittal
   (4) Radhesh Singh

36. Most flood affected Kurundwad on 4th to 12 August 2019 is due to ..........
   (1) Meander shaped river courses.
   (2) Location on the confluence of Krishna and Panchganga.
   (3) Location of dam near Kurundwad.
   (4) None of the above.

37. As per the Economic Survey 2018-19, What is correct about current account balance of payments?
   a) There is increase in merchandise imports due to increase in oil prices.
   b) Software services account for 40% of total services receipts.
   c) Petroleum products continue to have largest share in total export basket in the year 2018-19.
   (1) All are incorrect.   (2) a and c are correct
   (3) a and b are correct. (4) All are correct.

38. Who made the following comment, ‘Our nation is like a tree of which the original trunk is Swarajya and its branches are Swadeshi and boycott.’ ?
   A) Lala Lajpatrai
   (B) Bipin Chandra Pal
   (C) Lokmanya Tilak
   (D) Aurobindo Ghosh

39. Directive Principles of state policy include in India’s constitution are positive in nature because ............
   A) They are justiciable means one can approach the court if these are not followed.
   B) Judiciary has the authority to declare laws unconstitutional and invalid.
   (1) Both the statement are incorrect.
   (2) Both the statements are correct but against the directive principles.
   (3) First statement is correct but second is incorrect.
   (4) First statement is incorrect but second is correct.
39. Which of the following is included in the inform
sector?
1) Artisans, cottage industrialists, petty traders, tea
shop proprietors.
2) Garbage pickers, unauthorized taxi drivers, maid
servants
(1) Both 1 and 2 (2) only 1
(3) only 2 (4) None of the above

40. Match the following pairs

<table>
<thead>
<tr>
<th>Branch of Science</th>
<th>Study of</th>
</tr>
</thead>
<tbody>
<tr>
<td>A) Mycology</td>
<td>i) Reptiles and amphibians</td>
</tr>
<tr>
<td>B) Otolgy</td>
<td>ii) Classification of plants and animals</td>
</tr>
<tr>
<td>C) Herpetology</td>
<td>iii) Fungi</td>
</tr>
<tr>
<td>D) Taxonomy</td>
<td>iv) Ear</td>
</tr>
</tbody>
</table>

(1) A – iii  B – ii  C – iv  D – i
(2) A – iii  B – iv  C – i  D – ii
(3) A – ii  B – iv  C – iii  D – i
(4) A – i  B – ii  C – iii  D – iv

41. Sugar production is one in sugar production
because of ......
(1) short crushing season in U. P.
(2) sugar cane gets dried up due to non availability of
labour.
(3) sugar mills are away from sugar cane fields.
(4) very few content in sugar cane of U. P.

42. Which of the following is included in the informal
sector?
1) Artisans, cottage industrialists, petty traders, tea
shop proprietors.
2) Garbage pickers, unauthorized taxi drivers, maid
servants
(1) Both 1 and 2 (2) only 1
(3) only 2 (4) None of the above

43. Identify the correct statements.
A) State of Jammu and Kashmir is split into two
union territories where J and K will have assembly
and Ladakh without one.
B) Home Minister announced the decision in Rajya
Sabha which approved for granting special status
to permanent residents.
(1) Both are incorrect. (2) Both are correct.
(3) Only A is correct. (4) Only B is correct.

44. Consider the following statements.
A) The oxygen liberated during photosynthesis comes
from water and not from carbon dioxide.
B) The world’s largest on shore wind farms are
located in U. K.
C) The Red Data Books published by the
International Union for Conservation of Nature
and Natural Resources (IUCN) enumerate
threatened species of plants and animals.
D) Solid graphite was used as moderator to slow
down the speed of neutrons in Chernobyl plant.
Which of the above statements are correct?
(1) A, B and C (2) A, B and D
(3) B, C and D (4) A, B and D

45. Consider the following statements. Select correct
alternative.
A) Sex ratio in Sindhudurga is higher.
B) Males are compelled to migrate to urban areas.
(1) statement A is the effect of statement R.
(2) statement A is correct but R is wrong.
(3) statement R is correct but A is wrong.
(4) There is no interrelationship between
statements A and R.
45. A system is function

In which of the following countries parliamentary

1) Brazil and Japan
2) Germany and Australia
3) Italy and Mexico
4) Brazil and Japan

46. Which of the following statements is true?

1) Absolute poverty is measured in terms of calories or nutrition and it increased over a time period.
2) Relative poverty occurs when people do not enjoy certain minimum level of living standards given by the government.

(1) Both the statements are true.
(2) Statement 1 is true and 2 is false.
(3) Statement 2 is true and 1 is false.
(4) Cannot say anything about the two statements.

47. In which of the following countries parliamentary system is functioning?

1) Germany and Australia
2) South Africa and Brazil
3) Italy and Mexico
4) Brazil and Japan

48. A depression of currency leads to fall in the price of exports of a country.

B) Depreciation of currency can serve as stimulus to the economy.

(1) Statement A is false and B is true
(2) Both the statements are false.
(3) Statement A is true and B is false
(4) Both the statements are true.

49. Identify the thinker who said “Man is born free but bound everywhere in chains” and who is considered the father of French Revolution.

(1) Rousseau (2) John Stuart Mill
(3) John Locke (4) Jeremy Bentham

50. Match the following pans.

<table>
<thead>
<tr>
<th>A</th>
<th>B (States)</th>
</tr>
</thead>
<tbody>
<tr>
<td>P) Indigenously developed Robot Restaurant</td>
<td>F) Kerala</td>
</tr>
<tr>
<td>Q) Deen Dayal Upadhyay Panchayat Sashaktikaran Puraskar</td>
<td>G) Madhya Pradesh</td>
</tr>
<tr>
<td>R) Spot fines for storage, sale and purchase of banned firecrackers</td>
<td>H) Odisha</td>
</tr>
<tr>
<td>S) M. O. U. with NASSCOM to create more jobs</td>
<td>I) West Bengal</td>
</tr>
</tbody>
</table>

51. “Manuṣya ha jannata: svaṃtva iva āhā, parśitu tā svaṃtva śrūkthāmabhād bandast āhā” ārte jña vijñātovanāṃ mūtā te āhā, śvānā prāch handvānāhāhāte jnānā maṇītā, tā vijñātovanā jñātābhād.

(1) Rāma (2) Jñānabāīrājī mātā (3) Jñān lōk (4) Jñānī bāṃdām

52. Question nos. 51 to 53 : Read the following passage carefully and answer the questions given below.

Education is for life, not merely for a livelihood. So long as we are unmindful of this truth, the quality of our educational curriculum as well as that of our teachers and students is likely to remain inadequate. It is not enough for a society to have experts. It needs human beings who can think, feel and act generously, the kind of people who cannot be replaced by computers and robots. The great fault of our present age is emphasis on efficiency at the cost of humanity.

53. “Education is for life rather than for a livelihood”, the author means to say that ……

(1) Education is a generally useful thing in life.
(2) The primary purpose of education is to train people to be proper human beings.
(3) Education is useful for earning a living.
(4) Education can enable one to become rich.
The author says that it is not enough for a society to have experts because .......
(a) experts are egocentric.
(b) experts do not have an overall view of things because of their being highly specialized.
(c) along with being efficient educated people need to be sympathetic and sensitive to the needs of society.
(d) experts are highly eccentric people.

Proper human beings cannot be replaced by computers and robots because .......
(a) computers and robots are non human.
(b) computers and robots react mechanically.
(c) only human beings can have specialised knowledge.
(d) only proper human beings can think creatively and generously.

Question nos. 54 to 56: Read the following passage carefully and answer the questions given below.

The greatest enemy of mankind, as people have discovered, is not science, but war. Science merely reflects the social forces by which it is surrounded. If it is found that when there is peace, science is constructive: when there is war, science is perverted to destructive ends. The weapons which science gives us do not necessarily cause war: they make war increasingly more terrible. Until now it has brought us to the doorstep of doom. Our main problem, therefore, is not to curb science, but to stop war to substitute law for force and international government for anarchy in the relations of one nation with another. That is a job in which everybody must participate, including the scientists. But the bomb of Hiroshima suddenly woke us up to the fact that we have a very little time. The hour is late and our work has scarcely begun. Now we are face to face with this urgent question - Can education and tolerance, understanding and creative intelligence run fast enough to keep us abreast with our own mounting capacity to destroy? That is the question which we shall have to answer one way or the other in this generation. Science must help us in the answer, but the main decision lies within ourselves.

How can war be stopped?

1. science is not allowed to lead us to other destruction.
2. we replace force and lawlessness by law and International Government.
3. science is restricted to be utilised only during war time.
4. weapons invented by science are not used to launch a war.

According to the writer the main problem we are faced with is to .......
(1) stop science from reflecting social forces.
(2) stop scientific activities everywhere.
(3) abolish war.
(4) prevent scientists from participating in destructive activities.

According to the author, the real enemy of mankind is not science, but war because .......
(1) Science during wars is so destructive.
(2) Science merely invents the weapons with which war is fought.
(3) The weapons that science invents necessarily lead to war.
(4) The weapons invented by science do not cause war, though these make it more destructive.

According to the author, the real enemy of mankind is .......
(1) the greatest enemy of mankind is war itself.
(2) war is the real enemy of mankind.
(3) science is not allowed to lead us to other destruction.
(4) we replace force and lawlessness by law and International Government.

Science during wars is so destructive .......
(1) It makes war increasingly more terrible.
(2) It brings us to the doorstep of doom.
(3) It replaces law with force.
(4) It abolishes war.

Science merely invents the weapons with which war is fought .......
(1) It stops science from reflecting social forces.
(2) It stops scientific activities everywhere.
(3) It prevents scientists from participating in destructive activities.
(4) It stops science from inventing destructive weapons.

The weapons that science invents necessarily lead to war .......
(1) They are not allowed to be used for constructive purposes.
(2) They are restricted to be utilised only during war.
(3) They are not used to launch a war.
(4) They are not allowed to lead us to other destruction.

The weapons invented by science do not cause war, though these make it more destructive .......
(1) They are not allowed to lead us to other destruction.
(2) They are restricted to be utilised only during war.
(3) They are not used to launch a war.
(4) They are not allowed to lead us to other destruction.
The writer calls the desert conservative rather than radical because ......

(1) it provides an environment that inspires men to explore.

(2) it tests one's endurance.

(3) it offers unlimited opportunity to conquer.

(4) makes one gloomy.

Prabhat. 57 to 59 : खरीरी परिचेद कालेजीर्वक काव्य त्या खरी हिलेका प्रान्तानी उपर गा.

२७ ये एक शक्त त्याग्यासारी वाव्यट, हिन्यायासारी होयासारी भाव, खोरे की स्मृति भावणी पाणी हातीरी कैसियाय मोहर्व तोलत असती हामी खृस्ती कर्कास पासे तथा अवस्था साधी हामी न सम्पन्ने शृंखल, परिश्रम वाक्यसंगती कैसीव अप्रभितता सुधीत करते. एकार कौशलातीण वाव्यट पुर्णमतवादी हामी, काल्पवादी हामी. विज्ञान आम्लित कर्मपाेखा विस्मयकारक अप्रभितामा शृंखला जाता असते. ज्या शृंखला ते उत्तर देते ते अवस्था रहाण्यावे आहे विज्ञाने नही. ते मानात्ता हा मानदेयता विशेषता असते, त्यानी द्वृत्ती चर्ची मानले रतने. आहे वाक्यात वाक्यसंगती बांवले हामी न सम्पन्न उत्तराते कार्यित सार्थ काचले उपर आहे ‘धिलेका’.

57. वाव्यट हे एक वैशिष्ट्यपूर्ण स्वभाविक आहे कारण ते केवल ...... प्रसाधित करते.

(1) विश्वान (2) आक्षेप

(3) शृंख्यातील प्राया (4) दाःक्री वृत्ती

58. जर कोणी वाव्यटसंगती स्वभाविके अंतरस्थितीने प्रतिसाद दिला तर ............. ज्योतिंत होती.।

(1) न सम्पन्ना संभावनांची शक्यता

(2) शृंख्यातील विवभागी इच्छा

(3) संदीप विचाराचा कल

(4) तीर्थ बंडौरीशी भवना

59. लेखक वाव्यटसंगती कहीर्वाची न महत्त्या पुरानमतवादी महत्त्या कारणे ते ......

(1) माणसानी अनेककाळ कर्नासारे प्रसाव करणारे वातावरण प्रदान करते.

(2) उपराण्याचा सहस्रकाळीची परिस्थिते प्रेषे.

(3) दिकाप्पीची असाध्य संधी देते.

(4) उपराण्याचा विद्युत करते.

Question nos. 60 to 62 : Read the following passage carefully and answer the questions given below.

It is difficult to reconcile the ideas of different schools of thought on the question of education. Some people maintain that pupils of school should concentrate on a narrow range of subjects which will benefit them directly in their subsequent careers. Others contend that they should study a wide range of subjects so that they not only have the specialized knowledge necessary for their chosen careers but also sound general knowledge about the world they will have to work and live in. Supporters of the first theory state that the greatest contributions to civilization are made by those who are expert in their trade or profession. Those on the other side say that, unless they have a broad general education, the experts will be too narrow in their outlook to have sympathy with their fellows or a proper sense of responsibility towards humanity as a whole.

59. The writer calls the desert conservative rather than radical because ......

(1) it provides an environment that inspires men to explore.

(2) it tests one’s endurance.

(3) it offers unlimited opportunity to conquer.

(4) makes one gloomy.

Prabhat. 57 to 59 : खरीरी परिचेद कालेजीर्वक काव्य त्या खरी हिलेका प्रान्तानी उपर गा.

२७ ये एक शक्त त्याग्यासारी वाव्यट, हिन्यायासारी होयासारी भाव, खोरे की स्मृति भावणी हातीरी कैसियाय मोहर्व तोलत असती हामी न सम्पन्ने शृंखल, परिश्रम वाक्यसंगती कैसीव अप्रभितता सुधीत करते. एकार कौशलातीण वाव्यट पुर्णमतवादी हामी, काल्पवादी हामी. विज्ञान आम्लित कर्मपाेखा विस्मयकारक अप्रभितामा शृंखला जाता असते. ज्या शृंखला ते उत्तर देते ते अवस्था रहाण्यावे आहे विज्ञाने नही. ते मानात्ता हा मानदेयता विशेषता असते, त्यानी द्वृत्ती चर्ची मानले रतने. आहे वाक्यात वाक्यसंगती बांवले हामी न सम्पन्न उत्तराते कार्यित सार्थ काचले उपर आहे ‘धिलेका’.

57. वाव्यट हे एक वैशिष्ट्यपूर्ण स्वभाविक आहे कारण ते केवल ...... प्रसाधित करते.

(1) विश्वान (2) आक्षेप

(3) शृंख्यातील प्राया (4) दाःक्री वृत्ती

58. जर कोणी वाव्यटसंगती स्वभाविके अंतरस्थितीने प्रतिसाद दिला तर ............. ज्योतिंत होती.।

(1) न सम्पन्ना संभावनांची शक्यता

(2) शृंख्यातील विवभागी इच्छा

(3) संदीप विचाराचा कल

(4) तीर्थ बंडौरीशी भवना

59. लेखक वाव्यटसंगती कहीर्वाची न महत्त्या पुरानमतवादी महत्त्या कारणे ते ......

(1) माणसानी अनेककाळ कर्नासारे प्रसाव करणारे वातावरण प्रदान करते.

(2) उपराण्याचा सहस्रकाळीची परिस्थिते प्रेषे.

(3) दिकाप्पीची असाध्य संधी देते.

(4) उपराण्याचा विद्युत करते.

Question nos. 60 to 62 : Read the following passage carefully and answer the questions given below.

It is difficult to reconcile the ideas of different schools of thought on the question of education. Some people maintain that pupils of school should concentrate on a narrow range of subjects which will benefit them directly in their subsequent careers. Others contend that they should study a wide range of subjects so that they not only have the specialized knowledge necessary for their chosen careers but also sound general knowledge about the world they will have to work and live in. Supporters of the first theory state that the greatest contributions to civilization are made by those who are expert in their trade or profession. Those on the other side say that, unless they have a broad general education, the experts will be too narrow in their outlook to have sympathy with their fellows or a proper sense of responsibility towards humanity as a whole.
60. Broad general knowledge is necessary because ........
(1) it broadens one's outlook.
(2) it teaches us about different things.
(3) without it no one would get a job.
(4) special is incomplete without it.

61. Supporters of the first theory say that ........
(1) experts have done nothing to help mankind.
(2) people with general knowledge are more useful than experts.
(3) people with general knowledge have contributed to civilization.
(4) experts have contributed most to progress in the modern world.

62. The idea of the first school of thought in the passage is that ........
(1) students should study all the subjects they want to.
(2) students should study a few subjects that will help them in their profession.
(3) students should not take any specialised work.
(4) students should concentrate on studies.

63. If \( a + b \) means a is daughter of b and \( a \times b \) means a is brother of b then 
\( h + i \times j + k \times l + m \times n \). Assuming that the oldest generation in this group as \( 1^st \), what is the present generation of \( h? \)
(1) \( 4^{th} \)  (2) \( 5^{th} \)  (3) \( 2^{nd} \)  (4) \( 3^{rd} \)

64. Five friends, Jawahar, Anil, Rohit, Daulet and Guru went to Suruchi Sweet home to eat gulabjamuns.
1) Daulet and Rohit together ate 37 gulabjamuns.
2) Guru ate 8 gulabjamuns less than Anil.
3) Anil ate 5 gulabjamuns more than Daulet.
4) Jawahar ate 8 gulabjamuns more than Daulet.
5) Anil and Guru together ate 40 gulabjamuns.
How many gulabjamuns all five friends together ate?
(1) 112  (2) 100  (3) 104  (4) 99

Question nos. 65 and 66 : In the following two questions three statements are given which are followed by four conclusions A, B, C and D. You have to assume the given statements to be true even if they seem to be at variance from commonly known facts. Decide which of the given conclusions logically follow and accordingly select the alternative.

65. Statements : All donkeys are monkeys. All monkeys are elephants. No elephants are lions.
Conclusions : A) Some lions are donkeys. B) Some elephants are donkeys. C) All donkeys are elephants. D) Some monkeys are donkeys.

66. Statements : Some squares are circles. Some circles are rectangles. Some rectangles are triangles.
Conclusions : A) Some triangles are squares. B) Some rectangles are squares. C) No circles are triangles. D) No rectangles are squares.
(1) All follow.  (2) A and D follow. (3) B and C follow.  (4) None follows.
65. Read the following information and answer the questions.

Abhijeet, Babita, Chandrashekhar, Dawood, Eknath, Firoz, Glenn and Harish were sitting around a table facing centre.

Dawood was a neighbour of Harish and 3
Babita was a neighbour of Firoz and 4
Dawood was 4
Chandrashekhar and Firoz were exactly

66. Which of the following was wrong statement of sitting arrangement?

(1) Babita was immediate left of Harish.
(2) Eknath was sitting immediate right of Harish.
(3) Dawood was 4th right of Firoz.
(4) Chandrashekhar and Firoz were exactly opposite to each other.

67. In which of the following alternatives had the 2nd person sitting between 1st and 3rd without anybody in between?

(1) Abhijeet - Firoz Chandrashekhar
(2) Glenn - Abhijeet - Dawood
(3) Babita - Eknath - Harish
(4) Chandrashekhar - Eknath - Babita

68. Question nos. 67 and 68. Read the following information and answer the questions.

Abhijeet, Babita, Chandrashekhar, Dawood, Eknath, Firoz, Glenn and Harish were sitting around a table facing centre.

Dawood was a neighbour of Harish and 3
Babita was a neighbour of Firoz and 4
Dawood was 4
Chandrashekhar and Firoz were exactly

69. Problem : What is the cost of flooring the rectangular hall?

Statement A : length and breadth of the hall are in the ratio 4 : 2.
Statement B : Length of the hall is 48 m. and cost of flooring is Rs. 900/- per sq. m.
Statement C : The perimeter of he hall is 180 m. and the cost of flooring is Rs. 900/- per sq. m.

(1) Any two of the three
(2) Statement A and either statement B or C
(3) Statement A only
(4) Statement C only

70. Problem : What is the two digit number?

Statement P : The difference between the two digits is 2.
Statement Q : The digit at units place is less than 3.
Statement R : The difference between the two digits is 3.

(1) Statements P and Q
(2) Statements Q and R
(3) All the three statements
(4) None of the three together are sufficient.
70. समस्या : दोनों अंकी संख्या काय आहे?
विधान P : त्या दोनों अंकी संख्या व त्या तीन किती अदलावदन करून येणारा संख्येतील फलक 27 आहे.
विधान Q : एकक राज्यापैकी अंक हा दक्ष स्थानी असलेयही अंकाक्रमाने 3 ने किमी आहे.
विधान R : दोनों अंकाक्रमाने 3 आहे.
(1) विधाने P आणि Q  (2) विधाने Q आणि R  (3) सर्व तीनही विधाने  (4) तीनही एकक्रियासही पुढील नाही.

71. If letters in the word SOLITARY are arranged in such a way that first the vowels within the words are arranged alphabetically, followed by the consonants arranged alphabetically, then which of the following will be the fifth letter from the right end after rearrangement?

72. If prasad is heavier than Akash, who is lighter than Waman while Prabhakar is lighter than prasad and heavier than Waman, then who among them is in the third place from the top when they are arranged in descending order of heavier to lighter weights?

73. If first half of the letters in English alphabets are written in reverse order, which letter will be exactly midway between the ninth letter from the left and tenth letter from the right?

74. There views of the cube are shown below

75. Which number can appear at x in the following matrix?

76. How many such pairs of letters are there in the word EXECUTION, each of which has as many letter between them in the word as they have in descending order of heavier to lighter weights?

77. The average of three prime numbers between 48 and 77 is \( \frac{2}{3} \). What is the greatest possible sum of any two out of three prime numbers?

78. If monthly salary of A, B and C are in the ratio \( 2 : 3 : 5 \) and if monthly salary of C is Rs. 12000/ more than that of A. Find the annual salary of B.

79. एका घनाची तीन दृष्ट्य खाली दाखळविली आहेत.

A आणि B असे घनाच्या पुढळासाठी लिहिलेला ठिकाणी कोपणे अंक अदृश्य शक्तीत याच्या विधान करून खालीलप्रेक्षा कोपणे धन दिसू शक्तीत ते ठव्या.

71. What is the gr...

72. If letters in the word SOLITARY are arranged in such a way that first the vowels within the words are arranged alphabetically, followed by the consonants arranged alphabetically, then which of the following will be the fifth letter from the right end after rearrangement?

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Directions for following 6 questions: Given below are six questions describing a situation and is followed by four possible responses. Indicate the response you find the most appropriate. Choose only one response for each question. The responses will be evaluated based on the level of appropriateness for the given situation.

Please attempt all the questions. There is no penalty for wrong answers for these six questions.

84. Khushwantsingh started his car at 6.45 am and drove at the speed of 40 km / hr. After each 80 km. he took rest for 20 minutes for the car engine to cool down. At what time he might have reached his destination 240 km away?

(1) 1.05 pm  (2) 1.45 pm  (3) 1.25 pm  (4) 12.45 pm

85. While inspecting an Industrial Training Institute you found that the building in one housing colony had a massive board for the ITI, suggesting that the centre has occupied the entire space. When you stepped inside the institute, you found that it is operating from a one room flat in the corner. When asked about their office and laboratory that is mandatory for assisting students immediately for getting experience, the person in charge claimed that the institute has a lab, and guided you to a scooter garage on the ground floor. This person showed you all certificates of massive infrastructure that are mandatory for an ideal ITI. You will ....

(1) Order the institute to take three years to put together the infrastructure they promised at the time of getting government recognition to avoid suffering of students already admitted.
(2) Order de-recognition of the institute to avoid students getting certificates without acquiring the needed experience based skills.
(3) Call a meeting of students, parents, teachers and management to sort out problems related to acquisition of expected skills and appoint a committee to monitor educational programmes.
(4) Order the management to make arrangements for assisting students immediately for getting the hands-on experience that they need to get jobs without charging extra fees.
85. Your department is responsible for taking decisions related to employing Information and Communications Technology for different purposes. Though most of your subordinates use smartphones, they are against providing online services to general public under the pretext that they should be in touch with them to be familiar with their problems as public servants. You are aware of their excuses related to this but you are determined to give online public services to general public. You know the fact that the ozone layer has been depleted and eco-friendly vehicles are the need of the hour.

86. You are heading the department that looks after control of pollution in the city. While reading the report, 'State of Global Air 2017' it was evident to you that ozone related early deaths are increasing in India. You will:

1. Collect related data to know the reality of this problem in your city and then decide a course of action, if necessary, in collaboration with the health department.

2. With the assistance of the transport department, you will devise a plan for supplying reliable public transport for controlling vehicular pollution.

3. Along with developing strategies for controlling vehicular pollution, seek modern systems of managing garbage of all kinds found in the city as well as around the city.

4. With the help of the transport department, control the number of vehicles on the roads each day and organise a good network to reduce corruption, save energy and money, and relieve people from different kinds of harassment. You will....

(1) Make all needed arrangements related to your goals without considering the opinions of your subordinates.

(2) Take the initiative for assisting your subordinates to get sensitized with the difficulties faced by public at large due to the indifferent attitude of public servants.

(3) Start giving memos when these office bearers make lay persons feel that they are at their mercy and make them to pay for this.

(4) With the help of several informal meetings with your subordinates, make efforts to form an association to provide services as a responsible and honest public servant.

87. You are occupying the topmost position in your office. Recently two of your subordinates met with accidents and suffered minor injuries on their way to office on occasions. The leader of their union decided to consult a health department.

88. You are heading the department that is responsible for taking decisions related to employing Information and Communications Technology for different purposes. Though most of your subordinates use smartphones, they are against providing online services to general public under the pretext that they should be in touch with them to be familiar with their problems as public servants. You are aware of their excuses related to this but you are determined to give online public services to general public. You know the fact that the ozone layer has been depleted and eco-friendly vehicles are the need of the hour.

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an architect who has taken care of climatic and geographical conditions of the area. You will ......

(1) Accept his request to consult the expert and save on expenses that incur due to such accidents in future.

(2) Call a meeting of all employees for getting familiar with their attitude towards these things and assist them in making a sensible decision on this request.

(3) Organise a series of workshops for your employees to help them to understand the futility of such consultations by making them familiar with the facts.

(4) Reject this request summarily by telling the person that you don't believe in such sciences.

88. Government has formulated a policy to ensure that each family in rural area of the State should have a toilet as most of the diseases and epidemics are caused due to e-coli found in human excreta carried through the use of contaminated water. The loss of human life, mandays wasted and the loss of wages due to these ailments and expenditure required to be incurred on the treatment is enormous. The embarrassment to the female population is another factor, so also the village environmental pollution caused. The Supreme Court interpreted Right to life means life with dignity. In fact, human excreta, if treated scientifically, is a rich source of organic manure. In spite of these provisions and severe consequences the percentage of rural families having toilets is only 60% and out of these, who are actually using the toilets is only 50%. The failure is ascribed to the fact that toilet policy is "Construction oriented" and the element of educating and sensitizing the people as to the adverse effects of the non use of toilets is squarely missing. It is felt that a strong public education campaign is the need of the time.

90. You are a government representative and a member of a committee that has been given responsibility of selecting young artists for awarding two year government scholarships. An influential artist of high reputation is also the member on this committee as an expert.

1) Talk to the artist and request him to make selection criteria public for avoiding biased selection.

2) Maintain silence with respect to selection of awardees of this year and then publish the misdeeds of this person.

3) Halt the work of the committee by dissolving it immediately and form a new committee.

4) Request all the members of the present committee to go through the original list again and with unbiased approach freshly shortlist the candidates.

Space for Rough Work / काव्या कामासाठी जागा
1. परीक्षा सुरु करने के बाद विद्यायंत्र कार्य के पास उपलब्ध कोई फाइल नहीं होगा। किसी फाइल को नहीं भंडारण करें।
2. प्रश्नावलि ही सोने लगाने से पहले ही पढ़ें। व्यावहारिक या प्रश्नावलि कार्यक्रम को ही निर्देश पढ़ें।
3. यह प्रश्नावलि एक दोन भाग बनाने वाले दोनों भागों से है।

<table>
<thead>
<tr>
<th>एक्साम प्रश्न</th>
<th>गुण</th>
<th>प्रश्नावलि स्वरूप</th>
<th>तुलिया नतीजे की दंड का प्रतीक</th>
</tr>
</thead>
<tbody>
<tr>
<td>भाग - 1</td>
<td>50</td>
<td>100</td>
<td>प्रश्न चुकाया जाता है तो तेला नतीजे प्रदान किया जाएगा।</td>
</tr>
<tr>
<td>भाग - 2</td>
<td>40</td>
<td>100</td>
<td>प्रश्न के प्रति 85 ते 90 व्यावहारिक प्रश्न चुकाया जाता है तो तेला नतीजे प्रदान किया जाएगा।</td>
</tr>
</tbody>
</table>

प्रश्नावलि के प्रति अनुरोध अनुसार उत्तर देना है।

4. रवि 90 व्यावहारिक प्रश्नावलि से उत्तर प्रदान करें।
5. व्यावहारिक प्रश्नावलि के प्रति उत्तर प्रदान करें।
6. उत्तरावलि के प्रति उत्तर प्रदान करें।
7. प्रश्नावलि के प्रति उत्तर प्रदान करें।
8. कठिनाई के स्तर पर उत्तर प्रदान करें।
9. प्रश्नावलि के प्रति उत्तर प्रदान करें।
10. प्रश्नावलि के प्रति उत्तर प्रदान करें।
11. प्रश्नावलि के प्रति उत्तर प्रदान करें।

Note : English version of the instructions is printed on the front cover of this Booklet.