

Test Information

Test Name	GRE/TOFEL/IELTS and Foreign Language Training 2026-27	Total Questions	50
Test Type	Examination	Difficulty Level	Beginner
Total Marks	100	Duration	60 minutes

Test Question Language:- ENGLISH

1.

An issue prompt states, "Schools should replace most teacher-led instruction with digital platforms because technology improves learning." Which thesis best takes a clear position and signals a defensible line of reasoning?

a. Schools should adopt more technology because digital platforms are modern and traditional instruction is increasingly outdated.

b. Technology affects schools, subjects and students differently, making the issue too complex for a definite position.

c.

Although digital platforms can expand access and provide rapid feedback, they improve learning most when complementing teacher-led instruction.

d. Technology improves classroom learning only when every student receives identical devices, software and internet access.

Answer. c

2.

A university adviser argues that young people should choose skill-based courses because employers value job-ready competence. Which thesis would provide the strongest basis for a well-reasoned Issue essay?

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Young people should generally choose traditional degrees because recognised qualifications provide broader and more durable career value.

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The better choice depends on career demands: skill courses suit practice-intensive roles, while degrees better serve theoretical, licensed or research careers.

d. Both pathways offer benefits, so each student should choose whichever option appears personally convenient.

Answer. c

3.

A city council argues that improving bus punctuality should come before fare cuts if regular car users are to adopt public transport. Which example most effectively supports this opinion?

- a. A city cut fares by 20%, but most new riders were students who had already used buses occasionally.
- b. A six-month pilot kept fares unchanged, reduced average delays from 18 to 6 minutes, and raised weekday ridership by 22%.
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Answer. b

4.

An examinee is planning a cause–effect response on increasing screen time among students. Evidence indicates academic demands, social expectations and platform design as possible causes, while the effects vary by purpose and duration. Which thesis-and-structure plan demonstrates the strongest analysis?

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Screen time mainly reflects poor discipline; establish this single cause, list its academic harms and recommend identical daily limits for all students.

b.

Screen time arises from academic, social and technological factors; distinguish purposeful from excessive use and analyse effects on sleep, attention, learning and relationships.

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Screen time chiefly expands educational access; emphasise its academic benefits, briefly acknowledge health concerns and conclude that increased use is generally advantageous.

d.

Poor sleep and isolation frequently accompany heavy screen use; treat these associations as direct causation and argue that institutions should prohibit personal devices.

Answer. b

5.

A rapidly growing city faces severe peak-hour congestion but has limited funds for transport expansion. Select the thesis-and-development plan that would produce the most persuasive problem-solution essay.

a.

Widen major roads and add central parking, using improved vehicle speed as evidence while postponing public-transport investment to a later phase.

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Pilot peak-hour congestion pricing, use the revenue to increase bus frequency, protect low-income commuters and compare travel times before wider implementation.

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Reduce central parking and raise entry fees, exempt commercial fleets and judge success mainly through additional transport revenue collected.

Answer. c

6.

A university claims that online instruction improves academic outcomes because 78% of students in an optional online statistics course passed, compared with 62% placed in a compulsory classroom remedial course. Which weakness most seriously limits this conclusion?

a. The groups differed in self-selection and prior academic readiness.

b. The result came from one institution and may not generalise.

c. Pass rates do not measure longer-term retention of learning.

d. Flexible scheduling may have influenced participation in online classes.

Answer. a

7.

A school board recommends making a digital attendance application compulsory because a six-week pilot in three schools produced an 18% decline in recorded absenteeism. Which assumption is most necessary for the recommendation?

a. The recorded decline reflected improved attendance rather than a change in reporting.

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8.

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9.

An essay argues that municipalities should place greater environmental responsibility on packaging producers than on consumers because producer-focused rules reduce packaging waste more effectively. Which evidence would provide the strongest support?

a. A national survey finds 72% of consumers accept responsibility for correctly sorting household packaging.

b. A manufacturer's audit records an 18% reduction in package weight after a voluntary redesign programme.

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A matched-city study finds producer-responsibility laws cut packaging waste 18% more than awareness-only policies under comparable recycling conditions.

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10.

A candidate has drafted the following points for an issue essay. Which sequence creates the most coherent progression from position to support, explanation, concession-response and conclusion?

P. Recorded lectures allow students to revisit difficult concepts at their own pace.

Q. Universities should retain a limited recorded-lecture option after full campus reopening.

R. A blended policy can therefore preserve flexibility without sacrificing classroom interaction.

S. This benefit is especially valuable to students managing employment or caregiving duties.

T. Although recordings may reduce spontaneous discussion, compulsory seminars can preserve direct engagement.

a. Q–P–S–T–R

b. Q–S–P–T–R

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Answer. a

11.

A college study found that online learners had higher course completion among working students, while classroom learners performed better in collaborative projects; individual test scores were nearly equal. Which thesis provides the strongest basis for a comparative essay?

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Answer. c

12.

A student writes, "People often say remote work damages teamwork, but that seems exaggerated because some remote teams still complete projects on time." Which revision preserves the reasoning while expressing it in formal academic style?

a.

Claims that remote work impairs teamwork may be overstated, since timely project completion by some remote teams indicates that collaboration can remain effective.

b. Because some remote teams complete projects on time, remote work does not impair teamwork in any organisational setting.

c.

Although remote work is frequently criticised, timely project completion demonstrates that virtual collaboration is superior to office-based teamwork.

d.

Assertions that remote work weakens teamwork are unpersuasive because meeting deadlines is the only reliable measure of effective collaboration.

Answer. a

13.

A six-month pilot at one metropolitan library branch extended weekend hours. Compared with a matched branch, visits increased by 18%. The council concludes that extending weekend hours at every municipal facility—including clinics, museums and licensing offices—will raise usage by at least 18%.

Which revision best removes the argument's overgeneralisation while retaining what the evidence supports?

a. The pilot suggests comparable library branches may gain visits; other facility types require separate evidence.

- b. The pilot shows municipal facilities will gain users, though the size of the gain may vary.
- c. The pilot shows weekend hours drive public usage whenever staffing levels remain unchanged.
- d. The pilot supports citywide extension because the matched branch recorded no comparable growth.

Answer. a

14.

An essay argues that public universities should require a supervised community project because it applies academic learning and builds civic responsibility. Which conclusion closes the essay most effectively?

a.

Therefore, public universities should require a supervised community project because it applies academic learning and builds civic responsibility.

b.

Overall, making supervised community work part of university study would convert classroom knowledge into community work part of university study public service while developing socially responsible graduates.

c.

Although community projects offer practical and civic benefits, universities should remain free to exclude them from formal academic requirements.

d.

Universities should therefore adopt a national grading system based on the number of community-service hours completed by each student.

Answer. b

15.

During review, an Issue essay is found to repeat its position, use examples only loosely connected to the claim, move abruptly between paragraphs, and contain sentence errors that blur meaning. Which revision plan would improve all major scoring areas most effectively?

- a. Refine the thesis, add one detailed example, retain the paragraph order, and correct every grammatical error.
- b. Align the thesis with the task, replace repetition with relevant support, reorder ideas logically, and correct errors affecting clarity.
- c. Add a counterargument, insert transitions between existing paragraphs, vary sentence openings, and correct visible language errors.
- d. Expand the introduction, add more examples, arrange them chronologically, and replace simple vocabulary with advanced terms.

Answer. b

16. Read the passage and identify its central argument.

Cities often expect hosting major international sporting events to increase tourism, employment and infrastructure investment. However, bidding, construction and maintenance expenses may exceed these gains, leaving residents to repay debts long after the event. Specialised venues may also remain underused once the competition ends.

- a. Expected economic gains may not offset the lasting costs of hosting.
- b. Financial success depends mainly on reusing specialised sporting venues.
- c. Inaccurate bidding forecasts create more debt than hosting the event itself.
- d. Tourism and employment gains occur too late to benefit host-city residents.

Answer. a

17. Read the paragraph and select the inference that best represents the author's view.

Several museums have replaced printed exhibit labels with QR codes, noting that digital content is easier to update and can be offered in multiple languages. However, visitors tend to scan these codes more often when a brief label first explains why an object is significant. Museums that removed labels entirely recorded less engagement with unfamiliar exhibits. Digital tools can therefore broaden interpretation, but their value may depend on how they are integrated into the physical display.

- a. Museums should restore printed labels because QR codes discourage visitors from examining unfamiliar exhibits.
- b. Digital interpretation is most effective when concise physical guidance remains available to visitors.
- c. Multilingual digital content is less useful than printed information for explaining unfamiliar museum objects.
- d. Museums should place complete interpretive information on labels and use QR codes only for technical updates.

Answer. b

18.

The review panel gave the proposal qualified approval, praising its objectives but warning that its cost estimates were unreliable. What does qualified most nearly mean in this context?

- a. Formally authorised
- b. Limited by reservations
- c. Supported by evidence
- d. Delayed for review

Answer. b

19.

The editor expected the revised report to be more concise; instead, the author added several _____ explanations that repeated points already made.

a. elaborate

b. technical

c. redundant

d. cautious

Answer. c

20.

Although the historian rejects the older theory, her language remains deliberately _____: she calls the new evidence “suggestive” rather than “conclusive” and leaves room for later revision.

a. tentative

b. equivocal

c. conciliatory

d. skeptical

Answer. a

21.

Directions: Select the option containing two words that can each complete the sentence coherently and produce sentences with the same overall meaning.

Although the spokesperson’s reply sounded precise, it was sufficiently _____ to permit either policy outcome, thereby shielding the agency from a firm commitment.

a. provisional / tentative

b. equivocal / ambiguous

c. guarded / circumspect

d. categorical / definitive

Answer. b

22. Directions: Read the passage and classify Statements I–III as True, False, or Not Given, using only the information provided.

A municipal library tested self-service kiosks on weekdays for six months. Average queue time fell from 11 to 7 minutes. Weekend staffing remained unchanged, and user satisfaction was not measured. The report advised a separate study before any weekend expansion.

Statements: I. Average weekday queue time decreased by four minutes during the trial.

II. Library users preferred self-service kiosks to staffed counters.

III. The report recommended immediately extending the kiosks to weekends.

a. True, False, Not Given

b. True, Not Given, False

c. True, False, False

d. True, Not Given, Not Given

Answer. b

23. Choose the heading that best represents the central idea of the paragraph.

Public libraries that lend household tools were initially promoted as a way to reduce individual spending. However, programme reviews found that repair workshops, skill exchanges and regular borrower meetings created stronger neighbourhood networks. Consequently, several libraries are being redesigned as community centres rather than merely low-cost equipment services.

a. Reducing household expenditure through shared tools

b. Teaching practical repair skills through public libraries

c. Expanding tool libraries into community-building spaces

d. Limiting unnecessary purchases through municipal lending

Answer. c

24.

A logistics firm introduced the same forecasting dashboard in four divisions. Accuracy improved only in the two divisions where managers reviewed anomalous forecasts weekly; the other divisions showed no improvement. Therefore, before expanding the system company-wide, the firm should _____.

a. pair dashboard access with scheduled managerial reviews of anomalous forecasts.

- b. standardise the forecast variables used across all participating divisions.
- c. prioritise rollout to divisions with the highest historical error rates.
- d. postpone rollout until every division has a longer usage record.

Answer. a

25. Read the paragraph carefully and choose the option that best represents its central idea.

Several universities report that automated feedback systems reduce the time instructors spend reviewing essays. However, most reports compare departments that adopted the systems voluntarily with departments that did not, while measuring speed rather than improvement in student writing. These findings support further controlled trials, but they are too limited to justify compulsory adoption across an institution.

What is the author's primary purpose in the passage?

- a. To explain why reported efficiency gains do not yet justify compulsory adoption
- b. To criticise universities for valuing administrative efficiency over student achievement
- c. To support wider adoption while recommending stronger measures of writing quality
- d. To explain how voluntary adoption produced faster assessment in participating departments

Answer. a

26.

Several colleges replaced printed notices with a single online portal. This allowed students to receive timetable changes immediately, although urgent messages were still sent by text. What does "This" refer to?

- a. Students receiving timetable changes immediately
- b. Colleges sending urgent messages by text
- c. Colleges replacing notices with one online portal
- d. Timetable changes issued by several colleges

Answer. c

27.

"Although the reform reduced processing time in pilot offices, its reported savings exclude training and transition costs. The results deserve further testing rather than rejection, but presenting them as proof of system-wide success is premature."

The author's tone is best described as:

- a. Cautiously critical
- b. Reservedly supportive
- c. Firmly dismissive
- d. Analytically neutral

Answer. a

28.

To reduce losses from erratic monsoon breaks, a farmers' cooperative introduced a short-duration millet variety. In seasons with regular rainfall, it yielded slightly less than the conventional crop. When the rains ended early, however, it matured before soil moisture was exhausted and prevented the steepest losses. The cooperative therefore promoted the seed not as a way to maximise output every year, but as protection against highly unfavourable seasons.

Complete the summary with the option that most accurately paraphrases the passage.

The cooperative regarded the short-duration variety chiefly as a means of _____ rather than of improving production under normal rainfall.

- a. limiting severe losses when rainfall ends prematurely
- b. raising average yields through accelerated crop growth
- c. preserving soil moisture after the crop has matured
- d. replacing conventional varieties in regular monsoons

Answer. a

29.

A policy review states that a _____ body of evidence supports greater collaboration between universities. Which word completes the academic collocation most naturally?

- a. mounting
- b. rising

c. growing

d. escalating

Answer. c

30.

A municipal agency piloted digital permit submission in six districts. Average approval time fell from 18 to 12 days, so the agency concluded that citywide adoption would reduce approval time because digital submission removes clerical delays. Which option, if true, weakens the argument?

a. Pilot districts handled a lower share of complex industrial permits than the remaining districts.

b. Pilot districts doubled permit-review staffing during the trial, while other districts kept staffing unchanged.

c. Pilot districts had more applicants with reliable internet access than the remaining districts.

d. Pilot districts received fewer applications with missing fields after digital submission was introduced.

Answer. b

31. A whole number n leaves a remainder of 5 when divided by 12. What remainder will $7n+9$ leave when divided by 12?

a. 2

b. 4

c. 8

d. 11

Answer. c

32.

Directions: Convert percentages to decimals where required, add the two quantities in each option, and select the option with the greatest value.

Which of the following has the greatest value?

a. $58 + 0.16$

b. $64\% + 0.14$

c. $0.73 + 35$

d. $71 + 8.5\%$

Answer. d

33.

A research grant is divided between data collection and analysis in the ratio 8:5. If the data-collection share exceeds the analysis share by ₹1.35 lakh, what amount is allocated to analysis?

a. ₹1.80 lakh

b. ₹2.25 lakh

c. ₹2.70 lakh

d. ₹3.60 lakh

Answer. b

34. A book priced at ₹2,500 is increased by 30% and then discounted by 20% on the revised price. What is its final price?

a. ₹2,750

b. ₹2,500

c. ₹2,600

d. ₹2,400

Answer. c

35. The mean of eight quality-control scores is 76.5. Seven scores are 71, 73, 75, 76, 78, 80 and 82. What is the eighth score?

a. 76

b. 76.5

c. 77

d. 77.5

Answer. c

36.

A certification centre buys standard manuals at ₹420 each and eight fewer premium manuals at ₹680 each. After a 10% discount on premium manuals only, the total bill is ₹28,128. How many manuals are purchased altogether?

a. 48

b. 56

c. 64

d. 72

Answer. b

37. For a nonzero real number x , suppose $x + \frac{1}{x} = 4$. What is the value of $\frac{x^3 + \frac{1}{x^3}}{x^2 + \frac{1}{x^2} - 2}$?

a. 17/4

b. 14/3

c. 13/4

d. 13/3

Answer. d

38.

A testing agency compares two scanning contracts. Plan A charges ₹14 lakh plus ₹0.18 lakh per batch of 1,000 scripts, while Plan B charges ₹26 lakh plus ₹0.12 lakh per batch. At what workload are the costs equal, and what is that common cost?

a. 160 batches and ₹42.8 lakh

b. 200 batches and ₹50.0 lakh

c. 200 batches and ₹38.0 lakh

d. 240 batches and ₹54.8 lakh

Answer. b

39. In $\triangle ABC$, points D and E lie on AB and AC, respectively, with $DE \parallel BC$. If $\angle ADE = (3x + 11)^\circ$, $\angle ABC = (5x - 9)^\circ$, and $\angle BAC = 52^\circ$, what is $\angle ACB$?

a. 41°

b. 50°

c. 87°

d. 128°

Answer. c

40.

In $\triangle ABC$, D lies on AB, E lies on AC, and $DE \parallel BC$, with $AD:DB = 3:2$. If $\triangle ABC \sim \triangle PQR$, $AB = 25$ cm, $PQ = 40$ cm and $QR = 32$ cm, where $AB \leftrightarrow PQ$ and $BC \leftrightarrow QR$, find DE.

a. 10.0 cm

b. 12.0 cm

c. 19.2 cm

d. 20.0 cm

Answer. b

41.

From an external point P, tangent PT of length 24 m is drawn to a circle with centre O. A point M lies between O and P, where $OM:MP = 7:6$ and $MP = 12$ m. What is the circle's circumference?

a. 20π m

b. 24π m

c. 28π m

d. 48π m

Answer. a

42.

A rectangle measures 18 cm by 6 cm. A square has the same perimeter as the rectangle. Which pair gives the square's side length and the percentage by which its area exceeds the rectangle's area?

a. 10 cm and 25%

b. 10 cm and $33\frac{1}{3}\%$

c. 12 cm and 25%

d. 12 cm and $33\frac{1}{3}\%$

Answer. d

43.

Two identical closed right circular cylinders, each with radius 5 cm and height 12 cm, are joined base-to-base. A label covers 40% of the curved surface of only one cylinder; all other exposed surface is painted. What area is painted?

a. $194\pi \text{ cm}^2$

b. $242\pi \text{ cm}^2$

c. $290\pi \text{ cm}^2$

d. $292\pi \text{ cm}^2$

Answer. b

44.

Two reviewers work at constant rates. Reviewer A is 40% more efficient than Reviewer B, and together they can complete an evaluation in $8\frac{1}{3}$ hours. A works alone for 5 hours, after which both work for 4 hours. How much additional time must B work alone to finish the evaluation?

a. 3.2 hours

b. 3.5 hours

c. 3.6 hours

d. 3.4 hours

Answer. d

45.

Two inspection vehicles move towards each other along a 335-km corridor. The first leaves point A at 50 km/h; the second leaves point B 30 minutes later at 70 km/h. Exactly 2 hours after leaving A, the first vehicle increases its speed by 20%. How far from A do they meet?

a. 143.8 km

b. 154.2 km

c. 160.0 km

d. 165.0 km

Answer. c

46.

A research grant of ₹90,000 is divided between two deposits for two years. One earns 12% simple interest per annum, while the other earns 10% interest compounded annually. If the total interest is ₹19,800, how much was invested at compound interest?

a. ₹33,000

b. ₹45,000

c. ₹70,000

d. ₹60,000

Answer. d

47.

A fellowship committee randomly selects one of 12 proposals numbered from 1 through 12. What is the probability that the selected number is prime or a factor of 12?

a. $\frac{5}{12}$

b. $\frac{1}{2}$

c. $\frac{3}{4}$

d. $\frac{11}{12}$

Answer. c

48.

Study the table carefully and answer the question based on the information provided. Calculate percentages to one decimal place, wherever required.

Research Area	Proposals Submitted	Proposals Funded
Policy Studies	520	156
Public Health	480	168
Climate Science	600	210
Digital Systems	400	136

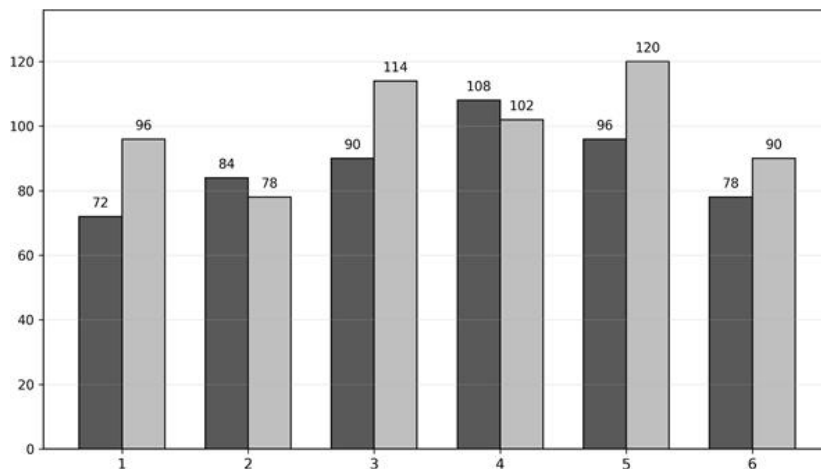
Which pair correctly gives Climate Science's percentage share of all funded proposals and the percentage-point difference between the funding rates of Climate Science and Policy Studies?

- a. 31.3% and 5 percentage points
- b. 35.0% and 5 percentage points
- c. 31.3% and 16.7 percentage points
- d. 30.0% and 5 percentage points

Answer. a

49.

Directions: The six bar pairs numbered 1 to 6 represent six processing centres. In each pair, the left bar shows first-period output and the right bar shows second-period output. All values are in hundreds of units.



Question: For the centres whose combined two-period output is above the average combined output of all six centres, by what percentage does their average second-period output exceed the average first-period output of the remaining centres?

- a. 26.51%
- b. 27.27%
- c. 30.36%

d. 43.59%

Answer. d

50. For positive real numbers x and y , $xy = x + y + 3$

Quantity A	Quantity B
$x+y$	6

- a. Quantity A is greater.
- b. Quantity B is greater.
- c. The two quantities are equal.
- d. The relationship cannot be determined from the information given.

Answer. d

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A student writes, "People often say remote work damages teamwork, but that seems exaggerated because some remote teams still complete projects on time." Which revision preserves the reasoning while expressing it in formal academic style?

a.

Claims that remote work impairs teamwork may be overstated, since timely project completion by some remote teams indicates that collaboration can remain effective.

b. Because some remote teams complete projects on time, remote work does not impair teamwork in any organisational setting.

c.

Although remote work is frequently criticised, timely project completion demonstrates that virtual collaboration is superior to office-based teamwork.

d.

Assertions that remote work weakens teamwork are unpersuasive because meeting deadlines is the only reliable measure of effective collaboration.

Answer. a

13.

A six-month pilot at one metropolitan library branch extended weekend hours. Compared with a matched branch, visits increased by 12%. The council concludes that extending weekend hours at every municipal facility—including clinics, museums and licensing offices—will raise usage by at least 12%.

Which revision best removes the argument's overgeneralisation while retaining what the evidence supports?

a. The pilot suggests comparable library branches may gain visits; other facility types require separate evidence.

b. The pilot shows municipal facilities will gain users, though the size of the gain may vary.

c. The pilot shows weekend hours drive public usage whenever staffing levels remain unchanged.

d. The pilot supports citywide extension because the matched branch recorded no comparable growth.

Answer. a

14.

An essay argues that public universities should require a supervised community project because it applies academic learning and builds civic responsibility. Which conclusion closes the essay most effectively?

a.

Therefore, public universities should require a supervised community project because it applies academic learning and builds civic responsibility.

b.

Overall, making supervised community work part of university study would convert classroom knowledge into community work part of university study public service while developing socially responsible graduates.

c.

Although community projects offer practical and civic benefits, universities should remain free to exclude them from formal academic requirements.

d.

Universities should therefore adopt a national grading system based on the number of community-service hours completed by each student.

Answer. b

15.

During review, an Issue essay is found to repeat its position, use examples only loosely connected to the claim, move abruptly between paragraphs, and contain sentence errors that blur meaning. Which revision plan would improve all major scoring areas most effectively?

- a. Refine the thesis, add one detailed example, retain the paragraph order, and correct every grammatical error.
- b. Align the thesis with the task, replace repetition with relevant support, reorder ideas logically, and correct errors affecting clarity.
- c. Add a counterargument, insert transitions between existing paragraphs, vary sentence openings, and correct visible language errors.
- d. Expand the introduction, add more examples, arrange them chronologically, and replace simple vocabulary with advanced terms.

Answer. b

16. परिच्छेद वाचा आणि त्यातील मुख्य युक्तिवाद ओळखा .

मोठ्या आंतरराष्ट्रीय क्रीडा स्पर्धांचे आयोजन केल्याने पर्यटन, रोजगार आणि पायाभूत सुविधांमधील गुंतवणूक वाढेल, अशी शहरांना अनेकदा अपेक्षा असते. मात्र, निविदा, बांधकाम आणि देखभालीचा खर्च या नफ्यापेक्षा जास्त असू शकतो, ज्यामुळे रहिवाशांना कार्यक्रम संपल्यानंतर बराच काळ कर्ज फेडावे लागते. स्पर्धा संपल्यानंतर विशेष स्थळांचा वापरही कमी होण्याची शक्यता आहे.

- a. अपेक्षित आर्थिक लाभामुळे होस्टिंगचा दीर्घकालीन खर्च भरून निघू शकणार नाही.
- b. आर्थिक यश हे मुख्यत्वे विशिष्ट क्रीडा स्थळांच्या पुनर्वापरावर अवलंबून असते.
- c. चुकीच्या बोली अंदाजांमुळे प्रत्यक्ष कार्यक्रम आयोजित करण्यापेक्षाही जास्त कर्ज निर्माण होते.
- d. पर्यटन आणि रोजगारातील वाढ यजमान शहरातील रहिवाशांना फायदा होण्यासाठी खूप उशिरा होते.

Answer. a

17. परिच्छेद वाचा आणि लेखकाचा दृष्टिकोन सर्वोत्तम प्रकारे दर्शवणारा निष्कर्ष निवडा .

अनेक संग्रहालयांनी छापील प्रदर्शन लेबल्सच्या जागी क्यूआर कोड वापरण्यास सुरुवात केली आहे, कारण डिजिटल सामग्री अद्ययावत करणे सोपे असते आणि ती अनेक भाषांमध्ये उपलब्ध करून दिली जाऊ शकते. मात्र, जेव्हा एखादी वस्तू महत्त्वाची का आहे हे सुरुवातीला एका संक्षिप्त लेबलद्वारे स्पष्ट केले जाते, तेव्हा अभ्यागत हे कोड अधिक वेळा स्कॅन करतात. ज्या संग्रहालयांनी लेबल पूर्णपणे काढून टाकले, तिथे अपरिचित प्रदर्शनांशी लोकांचा सहभाग कमी झाल्याचे दिसून आले. त्यामुळे डिजिटल साधने अर्थ लावण्याची व्याप्ती वाढवू शकतात, परंतु त्यांचे मूल्य ते भौतिक प्रदर्शनात कसे समाविष्ट केले जातात यावर अवलंबून असू शकते.

- a. संग्रहालयांनी छापील लेबल्स पुन्हा वापरात आणली पाहिजेत, कारण क्यूआर कोडमुळे अभ्यागत अपरिचित प्रदर्शने पाहण्यास परावृत्त होतात.
- b. जेव्हा अभ्यागतांना संक्षिप्त प्रत्यक्ष मार्गदर्शन उपलब्ध असते, तेव्हाच डिजिटल भाषांतर सर्वात प्रभावी ठरते.
- c. संग्रहालयातील अनोळखी वस्तू समजावून सांगण्यासाठी बहुभाषिक डिजिटल सामग्री छापील माहितीपेक्षा कमी उपयुक्त ठरते.

d. संग्रहालयांनी संपूर्ण विवेचनात्मक माहिती फलकांवर द्यावी आणि क्यूआर कोडचा वापर केवळ तांत्रिक अद्यतनांसाठीच करावा.

Answer. b

18.

पुनरावलोकन समितीने प्रस्तावाला सशर्त मंजूरी दिली , त्याच्या उद्दिष्टांची प्रशंसा केली , परंतु खर्चाचे अंदाज अविश्वसनीय असल्याचा इशारा दिला . या संदर्भात 'सशर्त' याचा सर्वात जवळचा अर्थ काय होतो ?

a. औपचारिकरित्या अधिकृत

b. आरक्षणाद्वारे मर्यादित

c. पुराव्याद्वारे समर्थित

d. पुनरावलोकनासाठी विलंब झाला

Answer. b

19.

संपादकांना सुधारित अहवाल अधिक संक्षिप्त असेल अशी अपेक्षा होती ; त्याऐवजी , लेखकाने आधीच मांडलेल्या मुद्द्यांची पुनरावृत्ती करणारी अनेक _____ स्पष्टीकरणे जोडली .

a. विस्तृत

b. तांत्रिक

c. अनावश्यक

d. सावधगिरी

Answer. c

20.

जरी इतिहासकार जुना सिद्धांत नाकारत असली तरी , तिची भाषा हेतुपुरस्सर _____ राहते : ती नवीन पुराव्याला "निर्णायक " म्हणण्याऐवजी "सूचक " म्हणते आणि नंतरच्या सुधारणेसाठी वाव ठेवते .

a. तात्पुरते

b. संदिग्ध

c. सामंजस्यपूर्ण

d. संशयवादी

Answer. a

21. सूचना : असा पर्याय निवडा ज्यात दोन शब्द असतील आणि ते दोन्ही मिळून वाक्य सुसंगतपणे पूर्ण करतील व समान एकूण अर्थाची वाक्ये तयार होतील .

जरी प्रवक्त्याचे उत्तर नेमके वाटत असले तरी, ते दोन्ही _____ धोरणात्मक परिणामांना परवानगी देण्याइतके अस्पष्ट होते, ज्यामुळे एजन्सीला ठोस वचनबद्धतेपासून संरक्षण मिळाले.

a. तात्पुरते / संकेतात्मक

b. संदिग्ध / अस्पष्ट

c. सावध / दक्ष

d. श्रेणीबद्ध / निश्चित

Answer. b

22. सूचना : उतारा वाचा आणि केवळ दिलेल्या माहितीचा वापर करून विधाने I-III सत्य , असत्य किंवा दिलेले नाही यामध्ये वर्गीकृत करा .

एका महानगरपालिकेच्या ग्रंथालयाने आठवड्याच्या कामकाजाच्या दिवसांत सहा महिने स्वयं-सेवा किऑस्कची चाचणी घेतली. त्यामुळे रांगेत थांबण्याचा सरासरी वेळ ११ मिनिटांवरून ७ मिनिटांपर्यंत कमी झाला. वीकेंडमधील कर्मचारी संख्या कायम राहिली आणि वापरकर्त्यांचे समाधान मोजले गेले नाही. वीकेंडमध्ये कोणताही विस्तार करण्यापूर्वी स्वतंत्र अभ्यास करावा, असा अहवालात सल्ला देण्यात आला होता.

विधाने: I. चाचणीदरम्यान आठवड्याच्या दिवसांतील रांगेत थांबण्याचा सरासरी वेळ चार मिनिटांनी कमी झाला.

II. ग्रंथालय वापरकर्त्यांनी कर्मचारी असलेल्या काउंटरऐवजी सेल्फ-सर्व्हिस किऑस्कला पसंती दिली.

III. अहवालात किऑस्क तात्काळ शनिवार-रविवारपर्यंत वाढवण्याची शिफारस करण्यात आली.

a. खरे, खोटे, दिलेले नाही

b. खरे, दिलेले नाही, खोटे

c. खरे, खोटे, खोटे

d. खरे, दिलेले नाही, दिलेले नाही

Answer. b

23. परिच्छेदाची मध्यवर्ती कल्पना सर्वोत्तम प्रकारे दर्शवणारे शीर्षक निवडा .

घरगुती अवजारे उधार देणाऱ्या सार्वजनिक ग्रंथालयांना सुरुवातीला वैयक्तिक खर्च कमी करण्याचा एक मार्ग म्हणून प्रोत्साहन देण्यात आले होते. तथापि, कार्यक्रमाच्या आढाव्यात असे आढळून आले की, दुरुस्ती कार्यशाळा, कौशल्य आदान-प्रदान आणि कर्जदारांच्या नियमित बैठकांमुळे परिसरातील संबंध अधिक दृढ झाले. परिणामी, अनेक ग्रंथालयांची केवळ कमी किमतीच्या उपकरण सेवांपुरती मर्यादित न राहता, सामुदायिक केंद्रे म्हणून पुनर्रचना केली जात आहे.

- a. सामायिक साधनांद्वारे घरगुती खर्च कमी करणे
- b. सार्वजनिक ग्रंथालयांमार्फत दुरुस्तीची व्यावहारिक कौशल्ये शिकवणे
- c. साधन संग्रहांचा विस्तार करून त्यांना समुदाय-बांधणीच्या जागांमध्ये रूपांतरित करणे
- d. महापालिका कर्जपुरवठ्याद्वारे अनावश्यक खरेदीवर मर्यादा घालणे

Answer. c

24.

एका लॉजिस्टिक्स फर्मने चार विभागांमध्ये एकच पूर्वानुमान डॅशबोर्ड सादर केला . ज्या दोन विभागांमध्ये व्यवस्थापकांनी साप्ताहिकरित्या विसंगत अंदाजांचा आढावा घेतला , केवळ त्याच विभागांमध्ये अचूकतेत सुधारणा झाली ; इतर विभागांमध्ये कोणतीही सुधारणा दिसून आली नाही . म्हणून , ही प्रणाली कंपनीभर विस्तारित करण्यापूर्वी , फर्मने _____ करावे .

- a. असामान्य अंदाजांच्या नियोजित व्यवस्थापकीय पुनरावलोकनांसोबत डॅशबोर्ड प्रवेशाची जोडणी करा.
- b. सर्व सहभागी विभागांमध्ये वापरण्यात येणाऱ्या अंदाज चलांचे मानकीकरण करा.
- c. सर्वाधिक ऐतिहासिक त्रुटी दर असलेल्या विभागांमध्ये अंमलबजावणीला प्राधान्य द्या.
- d. प्रत्येक विभागाकडे वापराचा अधिक जुना रेकॉर्ड येईपर्यंत अंमलबजावणी पुढे ढकला.

Answer. a

25. परिच्छेद काळजीपूर्वक वाचा आणि त्यातील मुख्य कल्पना सर्वोत्तम प्रकारे मांडणारा पर्याय निवडा .

अनेक विद्यापीठांच्या अहवालानुसार, स्वयंचलित अभिप्राय प्रणालीमुळे शिक्षकांचा निबंध तपासण्यात लागणारा वेळ कमी होतो. मात्र, बहुतेक अहवालांमध्ये विद्यार्थ्यांच्या लेखनातील सुधारणेऐवजी गती मोजताना, ज्या विभागांनी स्वेच्छेने प्रणाली स्वीकारली त्यांची तुलना ज्यांनी स्वीकारली नाही त्यांच्याशी केली जाते. हे निष्कर्ष पुढील नियंत्रित चाचण्यांना समर्थन देतात, परंतु संपूर्ण संस्थेमध्ये त्यांचा सक्तीने अवलंब करण्याचे समर्थन करण्यासाठी ते खूपच मर्यादित आहेत.

उताऱ्यामध्ये लेखकाचा मुख्य उद्देश काय आहे?

- a. नोंदवलेल्या कार्यक्षमतेतील वाढीमुळे अनिवार्य अवलंब करणे अद्याप का योग्य ठरत नाही, हे स्पष्ट करण्यासाठी.
- b. विद्यार्थ्यांच्या कामगिरीपेक्षा प्रशासकीय कार्यक्षमतेला अधिक महत्त्व दिल्याबद्दल विद्यापीठांवर टीका करणे.
- c. लेखनाच्या गुणवत्तेचे अधिक कठोर मापदंड सुचवताना, व्यापक स्वीकृतीस पाठिंबा देणे.

d. सहभागी विभागांमध्ये ऐच्छिक अवलंबनामुळे मूल्यांकन अधिक जलद कसे झाले हे स्पष्ट करणे.

Answer. a

26.

अनेक महाविद्यालयांनी छापील सूचनांऐवजी एकच ऑनलाइन पोर्टल सुरू केले . यामुळे विद्यार्थ्यांना वेळापत्रकातील बदल तात्काळ मिळू लागले , तरीही तातडीचे संदेश अजूनही टेक्स्ट मेसेजद्वारेच पाठवले जात होते . "हे " कशाचा संदर्भ देते ?

a. वेळापत्रकात बदल तात्काळ प्राप्त करणारे विद्यार्थी

b. महाविद्यालये टेक्स्टद्वारे तातडीचे संदेश पाठवत आहेत

c. महाविद्यालये सूचनांऐवजी एका ऑनलाइन पोर्टलचा वापर करत आहेत.

d. अनेक महाविद्यालयांकडून वेळापत्रकात बदल जारी करण्यात आले आहेत.

Answer. c

27.

"जरी या सुधारणेमुळे प्रायोगिक कार्यालयांमधील प्रक्रिया वेळ कमी झाला असला तरी , नोंदवलेल्या बचतीमध्ये प्रशिक्षण आणि संक्रमण खर्चाचा समावेश नाही . हे निकाल नाकारण्याऐवजी अधिक तपासणीस पात्र आहेत , परंतु त्यांना प्रणालीच्या व्यापक यशाचा पुरावा म्हणून सादर करणे घाईचे ठरेल ."

लेखकाच्या शैलीचे सर्वोत्तम वर्णन असे करता येईल:

a. सावधपणे टीकात्मक

b. संयमितपणे समर्थन

c. ठामपणे तुच्छतापूर्ण

d. विश्लेषणात्मकदृष्ट्या तटस्थ

Answer. a

28.

अनियमित मान्सूनमुळे होणारे नुकसान कमी करण्यासाठी , एका शेतकरी सहकारी संस्थेने कमी कालावधीचा बाजरीचा वाण सादर केला . नियमित पावसाच्या हंगामात , त्याचे उत्पन्न पारंपरिक पिकापेक्षा किंचित कमी आले . मात्र , पाऊस लवकर थांबल्यामुळे , जमिनीतील ओलावा संपण्यापूर्वीच ते परिपक्व झाले आणि त्यामुळे मोठे नुकसान टळले . त्यामुळे सहकारी संस्थेने दरवर्षी उत्पादन वाढवण्याचा मार्ग म्हणून नव्हे , तर अत्यंत प्रतिकूल हंगामांपासून संरक्षण म्हणून त्या बियाण्याला प्रोत्साहन दिले .

उताऱ्याचे सर्वात अचूक भाषांतर करणाऱ्या पर्यायाने सारांश पूर्ण करा.

सहकारी संस्थेने कमी कालावधीच्या वाणाकडे, सामान्य पर्जन्यमानाखालील उत्पादन सुधारण्याऐवजी, प्रामुख्याने _____ चे एक साधन म्हणून पाहिले.

a. पाऊस वेळेपूर्वी थांबल्यास होणारे मोठे नुकसान मर्यादित करणे

b. पिकांच्या वाढीला गती देऊन सरासरी उत्पन्न वाढवणे

c. पीक परिपक्व झाल्यानंतर जमिनीतील ओलावा टिकवून ठेवणे

d. नियमित पावसाळ्यात पारंपरिक वाणांची जागा घेणे

Answer. a

29.

एका धोरण आढाव्यात असे म्हटले आहे की विद्यापीठांमध्ये अधिक सहकार्याला _____ पुराव्यांचा आधार आहे . कोणता शब्द हा शैक्षणिक शब्दसमूह सर्वात नैसर्गिकरित्या पूर्ण करतो ?

a. माऊंटिंग

b. रायझिंग

c. ग्रीडिंग

d. एस्कलेटिंग

Answer. c

30.

एका महानगरपालिका संस्थेने सहा जिल्ह्यांमध्ये डिजिटल परवाना अर्ज सादर करण्याची प्रायोगिक तत्वावर अंमलबजावणी केली . सरासरी मंजुरीचा कालावधी १८ दिवसांवरून १२ दिवसांवर आला , त्यामुळे एजन्सीने असा निष्कर्ष काढला की शहरव्यापी अवलंब केल्यास मंजुरीचा वेळ कमी होईल कारण डिजिटल सबमिशनमुळे लिपिकीय विलंब दूर होतो . कोणता पर्याय खरा असल्यास , युक्तिवाद कमकुवत करतो ?

a. उर्वरित जिल्ह्यांच्या तुलनेत प्रायोगिक जिल्ह्यांनी जटिल औद्योगिक परवानग्यांचा कमी वाटा हाताळला.

b. प्रायोगिक जिल्ह्यांनी चाचणीदरम्यान परवाना-पुनरावलोकन कर्मचाऱ्यांची संख्या दुप्पट केली, तर इतर जिल्ह्यांनी कर्मचाऱ्यांची संख्या अपरिवर्तित ठेवली.

c. उर्वरित जिल्ह्यांच्या तुलनेत प्रायोगिक जिल्ह्यांमध्ये विश्वसनीय इंटरनेट सुविधा असलेले अर्जदार अधिक होते.

d. डिजिटल सबमिशन सुरू केल्यानंतर प्रायोगिक जिल्ह्यांना अपूर्ण माहिती असलेले अर्ज कमी प्रमाणात प्राप्त झाले.

Answer. b

31. एका पूर्ण संख्येला n ला १२ ने भागल्यावर बाकी ५ उरते . तर $9n+९$ ला १२ ने भागल्यावर बाकी काय उरेल ?

a. २

b. ४

c. ८

d. ११

Answer. c

32. सूचना : आवश्यक तेथे टक्केवारीचे दशांशामध्ये रूपांतर करा , प्रत्येक पर्यायातील दोन संख्यांची बेरीज करा आणि सर्वात मोठे मूल्य असलेला पर्याय निवडा .

खालीलपैकी कशाचे मूल्य सर्वात जास्त आहे?

a. $५८ + ०.१६$

b. $६४\% + ०.१४$

c. $०.७३ + ३५$

d. $७१ + ८.५\%$

Answer. d

33.

संशोधन अनुदान माहिती संकलन आणि विश्लेषण यामध्ये ८:५ या प्रमाणात विभागले आहे . जर माहिती संकलनाचा वाटा विश्लेषणाच्या वाट्यापेक्षा ₹१.३५ लाखांनी जास्त असेल , तर विश्लेषणासाठी किती रक्कम वाटप केली जाईल ?

a. ₹१.८० लाख

b. ₹२.२५ लाख

c. ₹२.७० लाख

d. ₹३.६० लाख

Answer. b

34. ₹२,५०० किंमत असलेल्या एका पुस्तकाची किंमत ३०% ने वाढवली जाते आणि नंतर सुधारित किंमतीवर २०% सूट दिली जाते . त्याची अंतिम किंमत किती आहे ?

a. ₹२,७५०

b. ₹२,५००

c. ₹२,६००

d. ₹२,४००

Answer. c

35. आठ गुणवत्ता -नियंत्रण गुणांकांची सरासरी ७६.५ आहे . सात गुणांक ७१, ७३, ७५, ७६, ७८, ८० आणि ८२ आहेत . आठवा गुणांक किती आहे ?

a. ७६

b. ७६.५

c. ७७

d. ७७.५

Answer. c

36.

एक प्रमाणन केंद्र प्रमाणित पुस्तिका प्रत्येकी ₹४२० ला आणि त्यापेक्षा कमी असलेल्या आठ उत्कृष्ट दर्जाच्या पुस्तिका प्रत्येकी ₹६८० ला खरेदी करते . केवळ प्रीमियम मॅन्युअल्सवर १०% सवलत मिळाल्यानंतर , एकूण बिल ₹२८,१२८ झाले आहे . एकूण किती मॅन्युअल्स खरेदी केली आहेत ?

a. ४८

b. ५६

c. ६४

d. ७२

Answer. b

37. एका अशून्य वास्तव संख्या x साठी , समजा $x + \frac{1}{x} = ४$. तर $\frac{x^3 + \frac{1}{x^3}}{x^2 + \frac{1}{x^2} - 2}$ ची किंमत काय आहे?

a. $\frac{19}{8}$

b. $\frac{18}{3}$

c. $\frac{13}{8}$

d. $\frac{13}{3}$

Answer. d

38.

एक चाचणी एजन्सी दोन स्कॅनिंग करारांची तुलना करते . प्लॅन ए मध्ये ₹१४ लाख अधिक ₹०.१८ लाख प्रति १,००० स्क्रिप्सच्या बॅचसाठी आकारले जातात , तर प्लॅन बी मध्ये ₹२६ लाख अधिक ₹०.१२ लाख प्रति बॅचसाठी आकारले जातात . कोणत्या कार्यभारावर खर्च समान असतो , आणि तो सामायिक खर्च कोणता आहे ?

a. १६० बॅचेस आणि ₹४२.८ लाख

b. २०० बॅचेस आणि ₹५०.० लाख

c. २०० बॅचेस आणि ₹३८.० लाख

d. २४० बॅचेस आणि ₹५४.८ लाख

Answer. b

39.

$\triangle ABC$ मध्ये, बिंदू D आणि E हे अनुक्रमे AB आणि AC वर आहेत, आणि $DE \parallel BC$ आहे. जर $\angle ADE = (3x + 11)^\circ$, $\angle ABC = (4x - 9)^\circ$, आणि $\angle BAC = 42^\circ$ असेल, तर $\angle ACB$ ची किंमत किती आहे?

a. 41°

b. 40°

c. 49°

d. 128°

Answer. c

40.

$\triangle ABC$ मध्ये, D हा AB वर आहे, E हा AC वर आहे आणि $DE \parallel BC$ असून $AD:DB = 3:2$ आहे. जर $\triangle ABC \sim \triangle PQR$, $AB = 25$ सेमी, $PQ = 80$ सेमी आणि $QR = 32$ सेमी असेल, जिथे $AB \leftrightarrow PQ$ आणि $BC \leftrightarrow QR$ आहे, तर DE ची किंमत काढा.

a. १०.० cm

b. १२.० cm

c. १९.२ cm

d. २०.० cm

Answer. b

41.

बाह्य बिंदू P पासून, O केंद्र असलेल्या वर्तुळाला २४ मीटर लांबीची स्पर्शिका PT काढली आहे. O आणि P च्या दरम्यान एक बिंदू M आहे, जिथे OM:MP गुणोत्तर ७:६ मीटर आणि MP=१२ मीटर आहे. वर्तुळाचा परिघ किती आहे ?

a. २०π मी

b. २४π मी

c. २८π मी

d. ४८π मी

Answer. a

42.

एका आयताचे माप १८ सेमी $\times$ ६ सेमी आहे. एका चौरसाची परिमिती आयताइतकीच आहे. खालीलपैकी कोणती जोडी चौरसाच्या बाजूची लांबी आणि त्याचे क्षेत्रफळ आयताच्या क्षेत्रफळापेक्षा किती टक्क्यांनी जास्त आहे हे दर्शवते ?

a. १० सेमी आणि २५%

b. १० सेमी आणि $३३\frac{१}{३}\%$

c. १२ सेमी आणि २५%

d. १२ सेमी आणि $३३\frac{१}{३}\%$

Answer. d

43.

प्रत्येकी ५ सेमी त्रिज्या आणि १२ सेमी उंची असलेले दोन एकसारखे बंद लंबवर्तुळाकार दंडगोल तळापासून तळापर्यंत जोडलेले आहेत. एका सिलेंडरच्या वक्र पृष्ठभागाचा ४०% भाग एका लेबलने व्यापलेला आहे; बाकीचा सर्व उघडा पृष्ठभाग रंगवलेला आहे. कोणता भाग रंगवलेला आहे ?

a. 198π सेमी^२

b. 282π सेमी^२

c. 290π सेमी^२

d. 292π सेमी^२

Answer. b

44.

दोन समीक्षक स्थिर गतीने काम करतात . समीक्षक A हा समीक्षक B पेक्षा ४०% अधिक कार्यक्षम आहे आणि ते दोघे मिळून $213\frac{1}{3}$ तासांमध्ये एक मूल्यांकन पूर्ण करू शकतात . A एकटा ५ तास काम करतो , त्यानंतर दोघे मिळून ४ तास काम करतात . मूल्यमापन पूर्ण करण्यासाठी B ला एकट्याने आणखी किती वेळ काम करावे लागेल ?

a. ३.२ तास

b. ३.५ तास

c. ३.६ तास

d. ३.४ तास

Answer. d

45.

दोन तपासणी वाहने ३३५ किमी लांबीच्या मार्गावरून एकमेकांकडे सरकतात . पहिले वाहन 'अ' बिंदूपासून ताशी ५० किमी वेगाने निघते ; दुसरे वाहन ३० मिनिटांनंतर 'ब' बिंदूपासून ताशी ७० किमी वेगाने निघते . A पासून निघाल्यानंतर बरोबर २ तासांनी , पहिले वाहन आपला वेग २०% ने वाढवते . ते A पासून किती अंतरावर भेटतील ?

a. १४३.८ किमी

b. १५४.२ किमी

c. १६०.० किमी

d. १६५.० किमी

Answer. c

46.

₹१०,००० चे संशोधन अनुदान दोन वर्षांसाठी दोन ठेवींमध्ये विभागले आहे . एका ठेवीवर वार्षिक १२% सरळ व्याज मिळते , तर दुसऱ्या ठेवीवर वार्षिक १०% चक्रवाढ व्याज मिळते . जर एकूण व्याज ₹१९,८०० असेल , तर चक्रवाढ व्याजाने किती रक्कम गुंतवली होती ?

a. ₹३३,०००

b. ₹४५,०००

c. ₹७०,०००

d. ₹६०,०००

Answer. d

47.

एक फेलोशिप समिती १ ते १२ क्रमांक असलेल्या १२ प्रस्तावांमधून यादृच्छिकपणे एक प्रस्ताव निवडते . निवडलेला क्रमांक मूळ संख्या किंवा १२ चा अवयव असण्याची संभाव्यता काय आहे ?

a. ५/१२

b. १/२

c. ३/४

d. ११/१२

Answer. c

48. तक्त्याचा काळजीपूर्वक अभ्यास करा आणि दिलेल्या माहितीच्या आधारे प्रश्नाचे उत्तर द्या . जिथे आवश्यक असेल तिथे टक्केवारी एका दशांश स्थळापर्यंत काढा .

संशोधन क्षेत्र	प्रस्ताव सादर केले	प्रस्तावांना निधी दिला
धोरण अभ्यास	५२०	१५६
सार्वजनिक आरोग्य	४८०	१६८
हवामान विज्ञान	६००	२१०
डिजिटल प्रणाली	४००	१३६

खालीलपैकी कोणती जोडी सर्व मंजूर प्रस्तावांमध्ये हवामान विज्ञानाचा टक्केवारी वाटा आणि हवामान विज्ञान व धोरण अभ्यास यांच्या निधी दरांमधील टक्केवारी-बिंदूंचा फरक अचूकपणे दर्शवते?

a. ३१.३% आणि ५ टक्के गुण

b. ३५.०% आणि ५ टक्के गुण

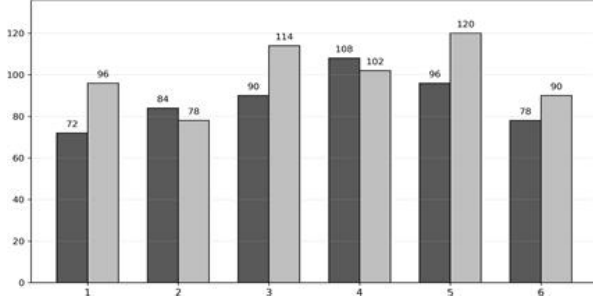
c. ३१.३% आणि १६.७ टक्के गुण

d. ३०.०% आणि ५ टक्के गुण

Answer. a

49.

सूचना : १ ते ६ क्रमांक असलेल्या सहा बारच्या जोड्या सहा प्रक्रिया केंद्रे दर्शवतात . प्रत्येक जोडीमध्ये , डावा बार पहिल्या कालावधीतील उत्पादन आणि उजवा बार दुसऱ्या कालावधीतील उत्पादन दर्शवतो . सर्व मूल्ये शेकड्यांमध्ये आहेत .



प्रश्न: ज्या केंद्रांचे एकत्रित दोन-कालावधीतील उत्पादन हे सर्व सहा केंद्रांच्या सरासरी एकत्रित उत्पादनापेक्षा जास्त आहे, त्यांचे दुसऱ्या कालावधीतील सरासरी उत्पादन उर्वरित केंद्रांच्या पहिल्या कालावधीतील सरासरी उत्पादनापेक्षा किती टक्क्यांनी जास्त आहे?

a. २६.५१%

b. २७.२७%

c. ३०.३६%

d. ४३.५९%

Answer. d

50. धन वास्तव संख्या x आणि y साठी , $xy = x + y + 3$

प्रमाण A	प्रमाण B
$x+y$	६

a. प्रमाण A मोठे आहे.

b. B ची संख्या जास्त आहे.

c. दोन राशी समान आहेत.

d. दिलेल्या माहितीवरून संबंध निश्चित करता येत नाही.

Answer. d

Test Answer

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