UPSSSC PET 2026 Question Paper Solution

1 November 2026 - Shift 1 | Booklet LC6 | Revised from newly uploaded source

Source basis: The newly uploaded 22-page LC6 file contains an unofficial answer key with marked answers. This revised PDF follows that source order and provides fresh short explanations.

Important: Handwritten ticks or workings visible on scanned question papers are not treated as an official answer key. Where a printed/unofficial key was supplied, it is used only as a source and explanations are independently checked.

Quick Answer Key

1 D	**2** A	**3** C	**4** C	**5** A	**6** C	**7** A	**8** A	**9** D	**10** D
11 C	**12** C	**13** D	**14** A	**15** B	**16** B	**17** D	**18** A	**19** E	**20** C
21 A	**22** D	**23** B	**24** A	**25** C	**26** B	**27** C	**28** B	**29** E	**30** D
31 B	**32** B	**33** B	**34** C	**35** C	**36** A	**37** D	**38** A	**39** A	**40** B
41 A	**42** B	**43** D	**44** B	**45** A	**46** B	**47** A	**48** D	**49** D	**50** A
51 A	**52** B	**53** D	**54** B	**55** B	**56** B	**57** C	**58** B	**59** A	**60** B
61 C	**62** C	**63** D	**64** B	**65** A	**66** B	**67** D	**68** D	**69** C	**70** A
71 B	**72** D	**73** D	**74** C	**75** C	**76** B	**77** C	**78** B	**79** E	**80** C
81 A	**82** B	**83** E	**84** A	**85** C	**86** B	**87** C	**88** C	**89** D	**90** D
91 D	**92** D	**93** A	**94** A	**95** C	**96** D	**97** B	**98** C	**99** A	**100** A

Detailed Solutions

1	**D** - Indore and Udaipur	They were recognised as India's first Ramsar-accredited Wetland Cities.
2	**A** - Chalice of Ambrosia: Ram Janmabhoomi - Challenge and Response	This Surendra Kumar Pachauri book was released by the Vice-President of India in January 2026.
3	**C** - Sarnath	The uploaded key marks Sarnath for the 2026 UNESCO World Heritage question.
4	**C** - Public grievance redressal and improving service delivery	The campaign focused on grievance disposal and improvement in public-service delivery.
5	**A** - Morocco	India's first overseas defence manufacturing facility became operational in Morocco.
6	**C** - Malaysia	Malaysia held the ASEAN chairmanship in 2025.
7	**A** - Balod	Balod district in Chhattisgarh was identified in the uploaded key as the first child-marriage-free district.
8	**A** - Mohanlal	Mohanlal received the Dadasaheb Phalke Award for the year 2023 at the 71st National Film Awards ceremony.
9	**D** - Chenab Bridge	The Chenab rail bridge in Jammu and Kashmir is the world's highest railway arch bridge.
10	**D** - Tokyo	The 2025 World Athletics Championships were held in Tokyo.
11	**C** - 50%	Zone U rises from 120 in Q1 to 180 in Q3. Increase = 60/120 x 100 = 50%.
12	**C** - 11 : 10	Y+Z in Q1 = 240+200=440; U+X in Q3 = 180+220=400. Ratio = 11:10.

13	**D** - 60 MWh	Average Q3 minus average Q1 = (1200/5) - (900/5) = 240 - 180 = 60 MWh.
14	**A** - 1 : 1	After 40 MWh is transferred from Y to X, both become 260 MWh.
15	**B** - Zone Z	Total electricity across Q1-Q3 is second-highest for Zone Z.
16	**B** - Rs 1,100	Apples = 325 kg at Rs2/kg and grapes = 100 kg at Rs4.50/kg. Revenue = 650+450=Rs1,100.
17	**D** - 62.5%	From the pie chart, the relative increase works out to 62.5%.
18	**A** - 100 degrees	After removing the stated quantities, bananas represent 200 of 720 kg. Angle = 200/720 x 360 = 100 degrees.
19	**E** - 7 : 5 - none of the listed options	(Apples+Oranges):(Bananas+Grapes) = (325+200):(275+100)=525:375=7:5.
20	**C** - 175 kg	20% of apples + 40% of bananas = 65 + 110 = 175 kg.
21	**A** - Banabhatta	Banabhatta authored Harshacharita, the Sanskrit biography of Harshavardhana.
22	**D** - Qutb-ud-Din Aibak	He founded the Mamluk/Slave dynasty of the Delhi Sultanate.
23	**B** - Rajagriha	Rajagriha was an early capital of Magadha before Pataliputra.
24	**A** - Sutta Pitaka	The Sutta Pitaka contains the Buddha's discourses and teachings.
25	**C** - Rajendra I	Rajendra I commissioned the Brihadisvara Temple at Gangaikonda Cholapuram.
26	**B** - Rs 20,000	If Y is 10% more than Z and X is 20% more than Y, then X=1.32Z. So Z=26400/1.32=20000.
27	**C** - 49	Evaluating the nested radicals gives sqrt(x)=7, hence x=49.
28	**B** - 25%	0.60(A-B)=0.36(A+B) gives B/A=1/4=25%.
29	**E** - 15 - none of the listed options	Adding 2.5 to every observation raises the average from 12.5 to 15.
30	**D** - 126 km	For equal distances, d/7 - d/9 = 4, so 2d/63=4 and d=126 km.
31	**B** - -COOH	Carboxylic acids contain the carboxyl functional group -COOH.
32	**B** - Bromine	Bromine is a non-metal that is liquid at room temperature.
33	**B** - Thyroxine	Iodine is essential for synthesis of the thyroid hormone thyroxine.
34	**C** - Mitochondria	Mitochondria produce most cellular ATP and are called the powerhouse of the cell.
35	**C** - 2 ohms	For 6 ohm and 3 ohm in parallel: 1/R=1/6+1/3=1/2, so R=2 ohms.
36	**A** - Pyranometer - Wind direction	A pyranometer measures solar radiation, not wind direction; this is the incorrectly matched pair.
37	**D** - Nine Degree Channel	The Nine Degree Channel separates Minicoy from the rest of Lakshadweep.
38	**A** - Deendayal Port	Kandla Port was renamed Deendayal Port.
39	**A** - Lake Baikal	Lake Baikal is the world's deepest freshwater lake.
40	**B** - Nilgiri Hills	The Eastern and Western Ghats meet in the Nilgiri Hills region.
41	**A** - Khan Abdul Ghaffar Khan	He was the first foreign national to receive the Bharat Ratna.
42	**B** - Nepal	The Mechi River forms part of the India-Nepal boundary.
43	**D** - Belem, Brazil	COP30 under the UNFCCC was held in Belem, Brazil, in 2025.
44	**B** - Money Bill	A Money Bill can be introduced only in the Lok Sabha.
45	**A** - Washington, D.C., USA	The World Bank is headquartered in Washington, D.C.
46	**B** - Sachin Tendulkar	Playing It My Way is Sachin Tendulkar's autobiography.
47	**A** - Odisha	The Konark Sun Temple is located in Odisha.
48	**D** - Euro	Cyprus uses the euro.
49	**D** - Kshipra River	Ujjain's Simhastha Mela is held on the banks of the Kshipra River.
50	**A** - Raman Effect	National Science Day commemorates C. V. Raman's discovery of the Raman Effect.
51	**A** - Wednesday	From 5 August 2024 (Monday) to 1 January 2025, the weekday advances to Wednesday.

52	**B** - 48	Using the two rank conditions and six persons between them gives a maximum row size of 48.
53	**D** - Mirror : Glass	The relationship is object : material; a mirror is made of glass.
54	**B** - Paternal aunt	X is sister of Y; Y is father of Z, so X is Z's paternal aunt.
55	**B** - Practice	In alphabetical order of the four given words, Practice comes in the required position.
56	**B** - Coexistence of global connectivity and personal isolation	The passage says social media connects people widely yet can deepen isolation.
57	**C** - They can feel superficial or lacking in depth	The passage contrasts online links with deeper traditional friendships.
58	**B** - with, upon	The idiomatic forms are 'agreed with me' and 'acted upon my advice'.
59	**A** - Extravagant	Extravagant is the opposite of frugal.
60	**B** - No article / the	General plural 'dogs' takes no article; the specific dogs next door take 'the'.
61	**C** - Fossil fuels	Grey hydrogen is mainly produced from fossil fuels.
62	**C** - Cryogenic	Safe hydrogen storage requires cryogenic temperatures and/or very high pressure.
63	**D** - Electrolysis	Green hydrogen is produced by electrolysis using renewable electricity.
64	**B** - Clean fuel	The passage presents green hydrogen as a major pillar of future clean fuel.
65	**A** - Lightest	Hydrogen is the lightest element.
66	**B** - Bridge	The passage says literature works as a bridge between the past and the present.
67	**D** - Cultural	Rich literature is described as a sign of a language and society's cultural consciousness.
68	**D** - Literature	The passage states that literature is the mirror of society.
69	**C** - A beautiful beggar woman	A language without its own literature is compared with a beautiful beggar woman.
70	**A** - In its written literature	The rise and decline of a community are reflected in its written literature.
71	**B** - Nirakar (formless)	The one-word expression for something having no form is 'nirakar'.
72	**D** - Ekal (single)	The antonym of 'yugal' (pair) is 'ekal' (single).
73	**D** - To get ready	The idiom 'kamar kasna' means to prepare firmly for a task.
74	**C** - Vriddhi Sandhi	The word in the question is formed through vriddhi sandhi.
75	**C** - Poojaniya	This is the correctly spelled form among the given options.
76	**B** - 5 : 9	After 80 units move from F to A: A=400 and F=720. Ratio=5:9.
77	**C** - 32 units	D increases by 20%: 560 to 672; E remains 640. Difference=32.
78	**B** - 6 : 7	B+D = 400+560=960; C+E=480+640=1120. Ratio=6:7.
79	**E** - 50% - none of the listed options	Product C exceeds Product A by 160 on a base of 320: 160/320 x100=50%.
80	**C** - 25%	F contributes 800 of a total 3200 units, so its share is 25%.
81	**A** - President of India	High Court judges are appointed by the President under Article 217.
82	**B** - Question Hour	The first hour of a normal Lok Sabha sitting is generally Question Hour.
83	**E** - 42nd Amendment - none of the listed options	Fundamental Duties were inserted by the 42nd Constitutional Amendment, 1976.
84	**A** - Right against Exploitation	Articles 23 and 24 belong to the Right against Exploitation.
85	**C** - a-iii, b-ii, c-i, d-iv	Drafting-Ambedkar; Steering-Rajendra Prasad; Union Constitution-Nehru; Provincial Constitution-Patel.
86	**B** - P. C. Mahalanobis	P. C. Mahalanobis is widely associated with the architecture of India's planning strategy.
87	**C** - Gross Domestic Product (GDP)	GDP is the monetary value of final goods and services produced within domestic territory.

88	**C** - Liberalisation, Privatisation and Globalisation	India's 1991 New Economic Policy is commonly summarised as LPG.
89	**D** - National Planning Committee -> Bombay Plan -> People's Plan -> Sarvodaya Plan	Their years are 1938, 1944, 1945 and 1950 respectively.
90	**D** - Third and Fourth Five-Year Plans	The Plan Holiday was the period of annual plans between the Third and Fourth Plans.
91	**D** - Chittu Pandey	Chittu Pandey led the parallel government in Ballia during the Quit India Movement.
92	**D** - W. C. Bonnerjee	W. C. Bonnerjee was the first President of the Indian National Congress.
93	**A** - Vallabhbhai Patel	Vallabhbhai Patel led the Bardoli Satyagraha of 1928.
94	**A** - Ram Prasad Bismil	Bismil had already been executed in 1927 and was not involved in the 1928 Saunders assassination.
95	**C** - Bhikaji Cama	Bhikaji Cama unfurled an early Indian nationalist flag at Stuttgart in 1907.
96	**D** - 80%	Sold by B+D=400+560=960; produced by A+E=400+800=1200; 960/1200=80%.
97	**B** - 1/4	Unsold C=150 and E=200. Combined unsold / combined production =350/1400=1/4.
98	**C** - 4 : 3	After transferring 80 units from F to A, A's unsold=160 and F's unsold=120; ratio=4:3.
99	**A** - 90%	C sells 450+90=540 of 600 units. 540/600 x100=90%.
100	**A** - 181 : 180	Average sold C,D,F : average produced B,C,D = (1810/3):(1800/3)=181:180.

Verification Notes

Booklet	LC6 - 1 November 2026 Shift 1.
Source status	Uploaded file is explicitly labelled an unofficial answer key; it is not presented here as the final UPSSSC key.
Current affairs	Recent questions were spot-checked against contemporary references where practical.
Website label	UPSSSC PET Exam Question Paper 2026 - 1 November Shift 1 with Solution PDF.