CSS NEXUS

# PPSC TRANSPORT SUB INSPECTOR

Solved Past Paper MCQs | 1 November 2026 | Morning Session • 98 MCQs with answers

## اردو (URDU)

**01. "فلاحت" کا معنی کیا ہے؟**

A. تجارت
B. کھیتی باڑی (زراعت) ✓
C. صنعت و حرفت
D. فلسفہ

فلاحت عربی لفظ ہے جس کا معنی کاشت کاری یا زراعت ہے؛ کسان کو فلّاح کہتے ہیں۔

**02. تشبیہ کی تعریف کیا ہے؟**

A. کسی مشترک خوبی کی بنا پر ایک چیز کو دوسری چیز جیسا قرار دینا ✓
B. لفظ کو صرف اس کے حقیقی معنی میں استعمال کرنا
C. دو متضاد چیزوں کو ایک ساتھ بیان کرنا
D. بات کو حد سے زیادہ بڑھا چڑھا کر بیان کرنا

تشبیہ کے چار ارکان ہیں: مشبہ، مشبہ بہ، وجہ شبہ اور حرف تشبیہ۔ مثال: اس کا چہرہ چاند جیسا ہے۔

**03. مجازِ مرسل کی تعریف کیا ہے؟**

A. لفظ کا غیر حقیقی معنی میں استعمال جب حقیقی اور مجازی معنی میں تشبیہ کے سوا کوئی اور تعلق ہو ✓
B. لفظ کا غیر حقیقی معنی میں استعمال جب دونوں معنوں میں تشبیہ کا تعلق ہو
C. ایک لفظ کے دو معنی ہوں اور قریب کا معنی مراد نہ ہو
D. کسی بات کو بہت بڑھا کر بیان کرنا

اگر تعلق تشبیہ کا ہو تو استعارہ کہلاتا ہے؛ تشبیہ کے علاوہ کوئی اور تعلق (کل و جز، ظرف و مظروف وغیرہ) ہو تو مجازِ مرسل۔

**04. مسجع نثر کسے کہتے ہیں؟**

A. جس کے فقرے ہم وزن بھی ہوں اور ہم قافیہ بھی ✓
B. جس کے فقرے صرف ہم وزن ہوں، قافیہ نہ ہو
C. جس کے فقرے صرف ہم قافیہ ہوں، وزن نہ ہو
D. جس میں نہ وزن ہو نہ قافیہ

صرف ہم وزن فقرے: نثر مرجز۔ صرف ہم قافیہ: نثر مقفّیٰ۔ نہ وزن نہ قافیہ: نثر عاری۔

**05. شاعری میں "قنوطیت" سے کیا مراد ہے؟**

A. امید
B. مایوسی (ناامیدی) ✓
C. خوشی
D. حب الوطنی

قنوطیت کا معنی ناامیدی اور مایوسی ہے۔ فانی بدایونی کو یاسیات کا امام کہا جاتا ہے۔

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06. "اپنی اپنی ڈفلی اپنا اپنا راگ" کا مطلب کیا ہے؟

A. ہر شخص کا اپنی اپنی بات کہنا اور آپس میں اتفاق نہ ہونا ✓
B. موسیقی کا شوق رکھنا
C. مل جل کر کام کرنا
D. خوشی کا جشن منانا

یہ ضرب المثل (کہاوت) ہے، جو وہاں بولی جاتی ہے جہاں سب اپنی اپنی کہیں اور کوئی ایک بات پر متفق نہ ہو۔

07. علامہ اقبال نے "بحرِ ظلمات" کس سمندر کو کہا ہے؟

A. بحرِ اوقیانوس (اٹلانٹک) ✓
B. بحرِ ہند
C. بحرِ الکاہل
D. بحیرۂ روم

شکوہ: "دشت تو دشت ہیں دریا بھی نہ چھوڑے ہم نے، بحرِ ظلمات میں دوڑا دیے گھوڑے ہم نے" (عقبہ بن نافع کا واقعہ)۔

08. ادب کی اصطلاح میں کسی کی تالیف یا تصنیف کے بارے میں (عموماً تعریفی) رائے دینا کیا کہلاتا ہے؟

A. تقریظ ✓
B. تنقید
C. تبصرہ
D. تلمیح

تقریظ کسی کتاب کی تعریف میں لکھی گئی رائے کو کہتے ہیں جو عموماً کتاب کے شروع میں شامل ہوتی ہے۔

09. "وہ پڑھ رہا ہو گا" — یہ کون سا فعل ہے؟

A. فعل مستقبل جاری (استمراری) ✓
B. فعل ماضی مطلق
C. فعل حال مطلق
D. فعل امر

10. ان میں سے ظرفِ زمان والا لفظ کون سا ہے؟

A. رات ✓
B. باغ
C. شہر
D. گھر

ظرفِ زمان وقت بتاتا ہے (دن، رات، سال، صدی)؛ باغ، شہر اور گھر ظرفِ مکان ہیں۔

## ISLAMIC STUDIES

11. Din-e-Ilahi was introduced by:

**A. Akbar ✓**
**B.** Jahangir
**C.** Aurangzeb
**D.** Babur

Mughal emperor Akbar announced Din-e-Ilahi in 1582.

12. Which Companion is included in the Ashara Mubashara?

**A. Hazrat Saad bin Abi Waqqas (RA) ✓**
**B.** Hazrat Bilal (RA)
**C.** Hazrat Abu Hurairah (RA)
**D.** Hazrat Salman Farsi (RA)

Ashara Mubashara are the ten Companions given the glad tidings of Paradise, including the four Caliphs, Talha, Zubair, Abdur Rahman bin Auf, Saad bin Abi Waqqas, Saeed bin Zaid and Abu Ubaidah (RA).

13. Ayat-ul-Kursi is in which Para (Juz) of the Holy Quran?

**A.** 2nd
**B. 3rd ✓**
**C.** 4th
**D.** 30th

Ayat-ul-Kursi is Surah Al-Baqarah, verse 255, in Para 3 (Tilka-r-Rusul).

**14.** The Quran says: "Seek help through patience (Sabr) and ____."

**A.** Fasting
**B. Prayer (Salah) ✓**
**C.** Hajj
**D.** Zakat

Surah Al-Baqarah 2:45 and 2:153.

**15.** Hazrat Usman (RA) was martyred in which city?

**A.** Makkah
**B. Madinah ✓**
**C.** Kufa
**D.** Damascus

He was martyred in his house in Madinah in 35 AH (656 CE).

**16.** 'Saum' (fasting) literally means:

**A. To abstain (from something) ✓**
**B.** To pray
**C.** To give charity
**D.** To travel

**17.** Who is called the 'Father of the Muslims' (Abul Muslimeen)?

**A.** Hazrat Adam (AS)
**B.** Hazrat Nuh (AS)
**C. Hazrat Ibrahim (AS) ✓**
**D.** Hazrat Musa (AS)

Surah Al-Hajj 22:78: 'the religion of your father Ibrahim; he named you Muslims'.

**18.** Who was the guardian of Hazrat Maryam (AS)?

**A. Hazrat Zakariya (AS) ✓**
**B.** Hazrat Yahya (AS)
**C.** Hazrat Imran
**D.** Hazrat Isa (AS)

Surah Aal-e-Imran 3:37.

**19.** Hazrat Ali (RA) was martyred by:

**A. Abdur Rahman ibn Muljim ✓**
**B.** Abu Lulu Feroz
**C.** Shimr
**D.** Yazid

He was attacked in the mosque of Kufa in 40 AH. Abu Lulu Feroz martyred Hazrat Umar (RA).

## PAKISTAN AFFAIRS & GENERAL KNOWLEDGE

**20.** Pakistan lies in which region?

**A. Just north of the Tropic of Cancer ✓**
**B.** South of the Tropic of Capricorn
**C.** On the Equator
**D.** Between the Equator and the Tropic of Capricorn

The Tropic of Cancer (about 23.4° N) passes through India, just south of Pakistan's southern tip (about 23.6° N).

**21.** In Musharraf's era, what does PCO stand for?

**A. Provisional Constitution Order ✓**
**B.** Pakistan Constitutional Ordinance
**C.** Presidential Command Order
**D.** Public Control Ordinance

Musharraf issued a PCO after the 1999 takeover and again with the emergency of 3 November 2007.

**22.** The Agartala Conspiracy Case (1968) was related to:

**A. Sheikh Mujib-ur-Rehman ✓**
**B.** Zulfikar Ali Bhutto
**C.** Maulana Bhashani
**D.** Huseyn Shaheed Suhrawardy

**23.** The Simla Agreement was signed in:

**A.** 1971
**B. 1972 ✓**
**C.** 1973
**D.** 1974

Signed on 2 July 1972 by Zulfikar Ali Bhutto and Indira Gandhi.

**24.** The 2nd OIC Summit (1974) was held in:

**A.** Rabat
**B. Lahore ✓**
**C.** Islamabad
**D.** Jeddah

Lahore, 22–24 February 1974. Pakistan also recognised Bangladesh there.

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**25. The first ruler of the Tughlaq dynasty was:**

**A. Ghiyath al-Din Tughluq ✓** **B.** Muhammad bin Tughluq
**C.** Firuz Shah Tughluq **D.** Alauddin Khalji

He founded the dynasty in 1320.

**26. Zardak Peak is the highest peak of which mountain range?**

**A.** Sulaiman Range **B. Kirthar Range ✓**
**C.** Salt Range **D.** Toba Kakar Range

**27. The pamphlet "Now or Never" (1933) was written by:**

**A.** Allama Iqbal **B. Chaudhry Rahmat Ali ✓**
**C.** Quaid-e-Azam **D.** Liaquat Ali Khan

It proposed the name "Pakstan".

**28. "India Wins Freedom" was written by:**

**A.** Jawaharlal Nehru **B. Maulana Abul Kalam Azad ✓**
**C.** Mahatma Gandhi **D.** Sardar Patel

**29. India revoked Article 370 (special status of occupied Kashmir) on:**

**A. 5 August 2019 ✓** **B.** 15 August 2019
**C.** 26 January 2020 **D.** 5 February 2019

**30. The "Troika Plus" on Afghanistan consists of:**

**A. USA, Russia, China and Pakistan ✓** **B.** USA, UK, France and Germany
**C.** China, India, Iran and Pakistan **D.** Russia, Iran, Turkey and Qatar

**31. Liaquat Ali Khan was martyred in which city?**

**A.** Karachi **B. Rawalpindi ✓**
**C.** Lahore **D.** Peshawar

He was shot at Company Bagh (now Liaquat Bagh), Rawalpindi, on 16 October 1951.

**32. Direct Action Day (16 August 1946) is also known as:**

**A. The Great Calcutta Killings ✓** **B.** Black Day
**C.** Partition Day **D.** Deliverance Day

Deliverance Day was 22 December 1939, after the Congress ministries resigned.

**33. The 18th Amendment to the Constitution of Pakistan was signed into law on:**

**A.** 8 April 2010 **B. 19 April 2010 ✓**
**C.** 14 August 2010 **D.** 23 March 2010

Parliament passed it on 8 April 2010, and the President signed it on 19 April 2010.

**34. Javed Miandad was made captain of Pakistan at what age?**

**A.** 20 **B. 22 ✓**
**C.** 25 **D.** 27

Born in 1957, he first captained Pakistan in 1980.

**35. Which renowned Muslim botanist collected herbs while travelling from Spain to Syria?**

**A. Ibn al-Baitar ✓** **B.** Al-Biruni
**C.** Ibn Sina **D.** Al-Razi

Ibn al-Baitar was born in Malaga, Spain, and settled in Damascus.

**36. Benazir Bhutto's second government (1996) was dismissed by which President?**

**A.** Ghulam Ishaq Khan **B. Farooq Ahmad Khan Leghari ✓**
**C.** Muhammad Rafiq Tarar **D.** Fazal Ilahi Chaudhry

Ghulam Ishaq Khan dismissed her first government in 1990.

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**37.** How many members did the Cabinet Mission (1946) have?

**A.** 2 **B. 3 ✓**
**C.** 4 **D.** 5

Lord Pethick-Lawrence, Sir Stafford Cripps and A. V. Alexander.

**38.** The Lahore Resolution was adopted in:

**A.** 1930 **B. 1940 ✓**
**C.** 1946 **D.** 1947

It was adopted on 23 March 1940 at Minto Park (now Iqbal Park), Lahore.

**39.** Tipu Sultan had diplomatic relations with which European king?

**A. Louis XVI of France ✓** **B.** George III of Britain
**C.** Charles III of Spain **D.** Frederick the Great of Prussia

## GEOGRAPHY & SPORTS

**40.** How many climatic regions does Pakistan have?

**A.** 3 **B. 4 ✓**
**C.** 5 **D.** 6

**41.** The Great Barrier Reef is located in the:

**A. Pacific Ocean (Coral Sea) ✓** **B.** Indian Ocean
**C.** Atlantic Ocean **D.** Arctic Ocean

It lies off the coast of Queensland, Australia.

**42.** Niagara Falls lies between:

**A. USA and Canada ✓** **B.** USA and Mexico
**C.** Brazil and Argentina **D.** Zambia and Zimbabwe

**43.** The Caspian Sea is considered:

**A. The largest lake in the world ✓** **B.** The deepest ocean
**C.** The smallest sea **D.** The largest gulf

**44.** The Darién Gap jungle is famous for:

**A.** Being the missing link of the Pan-American Highway **B.** Darién National Park
**C. Both of these ✓** **D.** A military base

The Darién Gap is the roadless jungle between Panama and Colombia, which is also home to Darién National Park.

**45.** Which country has hosted the Summer Olympics the most times?

**A. USA ✓** **B.** UK
**C.** France **D.** Greece

The USA has hosted 4 times (1904, 1932, 1984, 1996); Los Angeles 2028 will be the fifth.

**46.** The lowest layer of the atmosphere by chemical composition (surface to about 80–100 km) is the:

**A.** Mesosphere **B. Homosphere ✓**
**C.** Stratosphere **D.** Troposphere

By temperature, the lowest layer is the troposphere. By composition, it is the homosphere, where the gases are evenly mixed.

**47.** Who is the most decorated Olympic athlete of all time?

**A.** Usain Bolt **B. Michael Phelps ✓**
**C.** Carl Lewis **D.** Larisa Latynina

Phelps won 28 Olympic medals (23 gold).

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**48.** What is the width of the runway for the long jump?

**A.** 1.00 m
**B. 1.22 m ✓**
**C.** 1.50 m
**D.** 2.00 m

## CURRENT AFFAIRS 2026

**49.** Who succeeded Ali Larijani as Secretary of Iran's Supreme National Security Council in March 2026?

**A. Mohammad Bagher Zolghadr ✓**
**B.** Saeed Jalili
**C.** Ali Shamkhani
**D.** Abbas Araghchi

Larijani was killed in a strike on Tehran in March 2026; President Pezeshkian appointed Zolghadr on 24 March 2026.

**50.** Who is the current military leader of Burkina Faso?

**A. Ibrahim Traoré ✓**
**B.** Assimi Goïta
**C.** Abdourahamane Tchiani
**D.** Mamadi Doumbouya

Goïta leads Mali, Tchiani leads Niger and Doumbouya leads Guinea.

**51.** On which date did Iran's Assembly of Experts choose Mojtaba Khamenei as the new Supreme Leader?

**A.** 28 February 2026
**B.** 1 March 2026
**C. 8 March 2026 ✓**
**D.** 20 March 2026

Ali Khamenei was killed on 28 February 2026; the Assembly of Experts announced Mojtaba Khamenei as the third Supreme Leader on 8 March 2026.

**52.** In 2026 the Bank of Japan raised its benchmark interest rate to:

**A.** 0.5%
**B.** 0.75%
**C.** 1.0%
**D. 1.25% ✓**

It went to 1.0% on 16 June 2026 and to 1.25% on 18 September 2026, the highest in about 31 years.

**53.** Which Taiwanese political party sent its chairwoman to China for talks in 2026 (trip announced in March)?

**A.** Democratic Progressive Party (DPP)
**B. Kuomintang (KMT) ✓**
**C.** Taiwan People's Party
**D.** New Power Party

KMT chairwoman Cheng Li-wun visited the mainland from 7 to 12 April 2026 and met Xi Jinping on 10 April.

**54.** Who became commander-in-chief of Iran's Revolutionary Guards (Pasdaran / IRGC) in 2026?

**A.** Mohammad Pakpour
**B. Ahmad Vahidi ✓**
**C.** Hossein Salami
**D.** Mohammad Bagheri

Pakpour was killed on 28 February 2026; Ahmad Vahidi was named IRGC chief on 1 March 2026.

**55.** The play 'Liberation' by Bess Wohl won the 2026 Pulitzer Prize in which category?

**A. Drama ✓**
**B.** Fiction
**C.** History
**D.** Poetry

Other 2026 book winners: History, Jill Lepore's 'We the People'; Fiction, Daniel Kraus's 'Angel Down'.

**56.** According to the BBC, how many children were killed in the US strike on the girls' school in Minab, Iran (28 February 2026)?

**A. 120 ✓**
**B.** 140
**C.** 150
**D.** None of these

The BBC reported that the strike killed 120 children; the total death toll was about 156 to 168.

**57.** In 2026, Trump called for a physical audit of:

**A. The gold reserves at Fort Knox ✓**
**B.** The Federal Reserve Bank of New York
**C.** The World Bank
**D.** JPMorgan Chase

He posted 'Time to Physically Audit Fort Knox' on 31 May 2026.

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**58.** Pakistan formally established diplomatic relations with which country on the sidelines of the SCO summit in Tianjin, China?

**A. Armenia ✓** **B.** Israel
**C.** Taiwan **D.** Somaliland

The joint communique was exchanged on 31 August 2025.

**59.** The 2026 security conference attended by EU and Ukrainian leaders (February 2026) was held in:

**A. Munich ✓** **B.** Brussels
**C.** Geneva **D.** Kyiv

The Munich Security Conference is held every February in Munich, Germany.

**60.** Who is the senior puisne judge of the Lahore High Court (2026)?

**A. Justice Abid Aziz Sheikh ✓** **B.** Justice Aalia Neelum
**C.** Justice Shujaat Ali Khan **D.** Justice Mohsin Akhtar Kayani

On the August 2026 seniority list he is second after Chief Justice Aalia Neelum. Justice Shujaat Ali Khan, the previous senior puisne judge, retired in April 2026.

**61.** In 2026, which country attacked US troops at a military base in Iraq?

**A. Iran ✓** **B.** Turkey
**C.** Syria **D.** Saudi Arabia

Iran struck US bases in the region during the 2026 Iran war.

**62.** Which country decided in 2026 to fund education for Rohingya refugee children for the first time?

**A. Bangladesh ✓** **B.** Myanmar
**C.** Malaysia **D.** India

Bangladesh approved the funding after aid cuts closed thousands of UNICEF schools in the Cox's Bazar camps.

**63.** The Paris climate change conference (Agreement) is related to:

**A. Emissions of greenhouse gases ✓** **B.** Nuclear disarmament
**C.** Ozone-depleting substances **D.** Ocean fishing rights

**64.** Pakistan and Uzbekistan agreed (February 2026) to raise bilateral trade to:

**A.** $1,000 million **B.** $1,500 million
**C.** $1,750 million **D. $2,000 million ✓**

The $2 billion target was reaffirmed during President Mirziyoyev's visit to Islamabad in February 2026.

## ENGLISH

**65.** Synonym of DELICIOUS:

**A.** Bland **B. Delectable ✓**
**C.** Insipid **D.** Stale

**66.** Antonym of EXHAUSTIVE:

**A.** Thorough **B.** Comprehensive
**C. Incomplete ✓** **D.** Detailed

**67.** Urdu meaning of PREACH:

**A. تبلیغ کرنا / وعظ کرنا ✓** **B.** التجا کرنا
**C.** شکایت کرنا **D.** تعریف کرنا

**68.** Urdu meaning of CURBED:

**A. روکا گیا / قابو میں کیا گیا ✓** **B.** بڑھایا گیا
**C.** معاف کیا گیا **D.** خریدا گیا

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69. The birds fly ___ the river.

**A. over ✓** B. across
C. through D. into

"Over" means above the river. "Through" is for passing inside something, such as a tunnel.

70. Urdu meaning of ACUMEN:

**A. ذہانت / فراست ✓** B. غصہ
C. سستی D. شرمندگی

71. Synonym of CURB:

**A. Inhibit ✓** B. Encourage
C. Release D. Expand

72. Antonym of DELICIOUS:

A. Tasty **B. Disgusting ✓**
C. Savoury D. Appetising

73. Synonym of FRAGILE:

**A. Delicate ✓** B. Sturdy
C. Strong D. Solid

74. Synonym of TENSE:

**A. Disturbed ✓** B. Relaxed
C. Calm D. Loose

75. One word for "hopeful or romantic but not practical":

**A. Quixotic ✓** B. Pragmatic
C. Cynical D. Pedantic

76. Change the voice: "Cook some food."

**A. Let some food be cooked. ✓** B. Some food is cooked.
C. Some food be cooked. D. Let some food cooked.

77. Change the voice: "They say that the princess knows five languages."

**A. The princess is said to know five languages. ✓** B. The princess was said to know five languages.
C. It is said the princess knew five languages. D. The princess is known five languages.

78. I didn't find my own, but suddenly it turned ___.

A. in B. away
**C. up ✓** D. over

To turn up means to appear or be found.

79. His sudden resignation was ___ when he was about to be promoted to manager.

**A. a bolt from the blue ✓** B. a flash in the pan
C. a skeleton in the cupboard D. a red herring

A bolt from the blue is a complete surprise.

## EVERYDAY SCIENCE

80. Why does a pressure cooker cook food quickly?

**A. High pressure raises the boiling point of water ✓** B. High pressure lowers the boiling point of water
C. It needs less heat D. Steel conducts heat faster

Water boils at about 120 °C inside, instead of 100 °C.

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81. **Why does food spoil quickly at high temperatures?**

**A. Bacteria and fungi grow faster in warmth ✓** **B.** Air pressure is lower
**C.** Water evaporates from the food **D.** Sunlight destroys vitamins

82. **Exchange of gases in the human body takes place in the:**

**A.** Trachea **B.** Bronchi
**C. Alveoli ✓** **D.** Larynx

83. **The functional unit of the kidney is the:**

**A.** Neuron **B. Nephron ✓**
**C.** Alveolus **D.** Villus

84. **The blue colour of the sky is due to ____ of light.**

**A.** Reflection **B.** Refraction
**C. Scattering ✓** **D.** Dispersion

Blue light has a short wavelength and is scattered most by air molecules (Rayleigh scattering).

85. **A rocket works on the principle of:**

**A. Conservation of momentum (Newton's third law) ✓** **B.** Conservation of energy only
**C.** Archimedes' principle **D.** Bernoulli's principle

86. **Why does a steel spoon feel colder than a wooden spoon at the same temperature?**

**A. Metal conducts heat away from the hand faster ✓** **B.** Steel is actually colder
**C.** Wood produces heat **D.** Steel absorbs moisture

## COMPUTER

87. **Which memory is built into the CPU?**

**A. Register ✓** **B.** RAM
**C.** Hard disk **D.** ROM

88. **In software engineering, UML stands for:**

**A. Unified Modeling Language ✓** **B.** Universal Machine Language
**C.** Unified Machine Logic **D.** User Modeling Language

89. **Who is known as the father of computer graphics?**

**A. Ivan Sutherland ✓** **B.** Charles Babbage
**C.** Alan Turing **D.** Bill Gates

He created Sketchpad (1963).

90. **Which output device displays video on a computer?**

**A. Monitor (VDU) ✓** **B.** Scanner
**C.** Keyboard **D.** Plotter

91. **Who is known as the father of Artificial Intelligence?**

**A. John McCarthy ✓** **B.** Alan Turing
**C.** Marvin Minsky **D.** Geoffrey Hinton

He coined the term "Artificial Intelligence" in 1956.

92. **Who invented the World Wide Web?**

**A. Tim Berners-Lee ✓** **B.** Vint Cerf
**C.** Bill Gates **D.** Steve Jobs

He invented it at CERN in 1989.

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## MATHEMATICS & REASONING

**93.** Find the next term: 2, 6, 12, 20, ?

**A.** 28 **B. 30 ✓**
**C.** 32 **D.** 36

The pattern is n(n+1): 1×2, 2×3, 3×4, 4×5, 5×6 = 30.

**94.** Find the next term: 7, 18, 40, 73, 117, ?

**A.** 142 **B.** 160
**C. 172 ✓** **D.** 180

The differences are 11, 22, 33, 44, so the next is +55: 117 + 55 = 172.

**95.** Sum of the first 7 terms of 5, 10, 20, 40, 80, 160, 320 is:

**A.** 625 **B. 635 ✓**
**C.** 640 **D.** 645

Sum = $5(2^7 - 1) = 5 \times 127 = 635$.

**96.** If the nth term is $2n^2 + 1$, find the 2nd term.

**A.** 5 **B.** 7
**C. 9 ✓** **D.** 17

$2(2^2) + 1 = 9$.

**97.** The area of a rectangle is 259 $cm^2$ and its length is 18.5 cm. Find its width.

**A.** 12 cm **B. 14 cm ✓**
**C.** 15 cm **D.** 16 cm

259 ÷ 18.5 = 14.

**98.** The product of a positive integer one less than the number and 2 less than 3 times the number is 14. Find the number.

**A.** 2 **B. 3 ✓**
**C.** 4 **D.** 5

$(x - 1)(3x - 2) = 14$ gives $3x^2 - 5x - 12 = 0$, so $(3x + 4)(x - 3) = 0$ and $x = 3$.

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