KENYA JUNIOR SCHOOL EDUCATION ASSESSMENT (KJSEA)

PRE-TECHNICAL STUDIES

MARKING SCHEME

Code 912/1

KJSEA October 2025 · Section A (30 marks) + Section B

SECTION A — Multiple Choice, Questions 1–30 (each 1 mark)

1. **B**	2. **A**	3. **B**	4. **A**	5. **C**	6. **C**	7. **D**	8. **B**	9. **B**	10. **B**
11. **A**	12. **C**	13. **B**	14. **B**	15. **B**	16. **A**	17. **D**	18. **A**	19. **B**	20. **C**
21. **B**	22. **D**	23. **C**	24. **B**	25. **B**	26. **D**	27. **C**	28. **B**	29. **A**	30. **C**

*Q9 (correct dimensioning of the circle): keyed **B** — confirm against the printed diagram. Q10 (definition of a scale): keyed **B** (a ratio).*

SECTION B — Questions 34–50 (answers + marking points)

34. Preventing fire outbreaks (any 2): proper storage of flammable materials away from heat; avoid overloading electrical sockets; correct wiring / regular inspection; no naked flames near flammables; good ventilation; provide firefighting equipment. *(2)*

35. Construct a rectangle 6 cm by 4 cm using ruler and compasses — accurate sides with 90° angles at the corners (construction marks). *(2)*

36. Areas using ceramic materials (any 2): floors (tiles); walls (wall tiles); bathrooms / toilets; kitchen (sinks, tiles); roofing (clay tiles). *(2)*

37. Hazards to personal safety (any 3): slippery / wet floors; exposed electrical wires (shock); sharp tools / objects (cuts); falling objects; fire; poor lighting; dust / fumes. *(3)*

38. (a) **Break line** — short freehand wavy / zigzag line, 6 cm. (b) **Centre line** — long-short-long chain (dash-dot) line, 6 cm. *(1+1)*

39. (a) Metallic items (any 4): gate, window grills, door, water pipes / tank, wheelbarrow, desk frames, goal posts, flag post, padlock, iron roofing sheets. (b) Metals (any 2): steel / iron, aluminium, copper, zinc, brass. *(2+2)*

40. Benefits of e-citizen to businesses (any 3): convenient 24/7 online access to services; saves time (no queues); reduces travel cost; faster processing of licences / permits; transparency (reduces corruption); easy record keeping / payment tracking. *(3)*

41. Bank services during a foreign trip (any 2): foreign currency exchange (forex); travellers' cheques; letters of credit; international credit / debit cards; money transfer (telegraphic transfer). *(2)*

42. Reasons for a business plan (any 2): to source funds / attract lenders; acts as a guide / roadmap; sets goals and objectives; assess viability / feasibility; anticipate and plan for risks. *(2)*

43. Statement of Financial Position — Biashara Club as at 30th Aug 2024. Assets: Cash in hand 15,000 + Cash at bank 10,000 + Stock 2,000 = **27,000**. Financed by: Capital 20,000 + Loans 5,000 + Creditors 2,000 = **27,000**. (Assets = Capital + Liabilities = 27,000.) *(3)*

44. Factors for setting financial goals (any 2): amount of money available (Ksh 800); needs vs wants / priorities; duration (the term); expected expenses; saving target. *(2)*

45. Method of waste disposal used by Tom (artefact from e-waste): **Reuse / Recycling**. *(1)*

46. (a) Safety precautions when setting up computers (any 2): switch off power before connecting; avoid handling with wet hands; do not overload sockets; handle equipment carefully; avoid open / exposed cables. (b) Characteristic — ability to perform various tasks: **versatility**. *(2+1)*

47. (a) **P (Enter):** moves cursor to a new line / executes (confirms) a command. **Q (Backspace):** deletes character(s) to the left of the cursor. (b) Device to output sound: **speaker(s)**. *(1+1+1)*

48. PPE for handling corrosive substances (any 2): gloves; goggles / safety glasses; apron / protective clothing; face mask / respirator; safety boots. *(2)*

49. Formatting features in the paragraph (any 3): bullets (bulleted list); italics; underlining. (Also accept bold.) *(3)*

50. (a) Variable used: **Buying price** (or Selling price). (b) Selection statement: **if … then**. *(1+1)*

Note: Questions 31–33 were not part of the uploaded pages, so they are not included here — share that page and they will be added.