

CEED – Design Drawing & Writing Skills

Sample Paper – 4

Duration: 105 Minutes | Maximum Marks: 100

Instructions

General Instructions

- This paper contains **5 drawing and writing questions** modelled on CEED Part B (subjective section); all questions are compulsory.
- There is **no negative marking**. Attempt every question; partial credit is awarded for each criterion.
- Use **pen or pencil only**. Colour rendering is not required unless specifically requested.
- **Note the marks and suggested time** allotted to each question and plan your attempt accordingly.
- **Annotate all drawings** — label components, dimensions, or materials wherever asked; unlabelled drawings attract partial deductions.
- **Mobile phones and electronic devices** are strictly prohibited inside the examination hall.



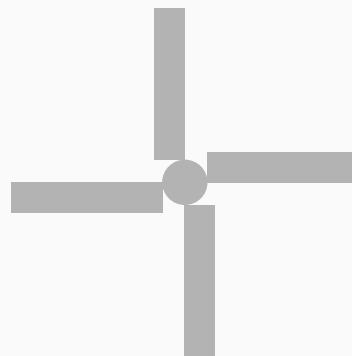
Questions

Q1. [25 Marks | Suggested time: 22 min]

Draw a ceiling fan from memory. Your response must include all three of the following views:

- (a) Top view (plan): Show all blades and hub in correct angular spacing as seen directly from above.
- (b) Front elevation: Show the blade pitch angle, motor housing, hanging rod, and canopy as seen from the front.
- (c) 3D three-quarter perspective: Sketch the fan at an angle as if seen from below-and-to-the-side, conveying depth and form.

Label at least 5 of the following components across your views: blade, hub, motor casing, down-rod, canopy, blade bracket.



Top-view blade layout reference

Q2. [20 Marks | Suggested time: 20 min]

Design a portable first-aid kit intended for rural health workers who travel on foot or by bicycle. The kit must satisfy all of the following constraints:

- Hold at least 12 medical items.

Evaluation Guide

Q1. Ceiling Fan Drawing [25 Marks]

Evaluation Criteria

Criterion	Marks
Top view with correct blade count and angular spacing	6
Front elevation showing motor casing, hanging rod, and blade pitch angle	6
3D three-quarter perspective sketch showing underside angle and depth	7
At least 5 components correctly labelled across views	4
Line quality and overall clarity of all three drawings	2
Total	25

Q2. Portable First-Aid Kit Design [20 Marks]

Evaluation Criteria

Criterion	Marks
Closed kit 3D sketch is coherent, compact, and shows the closure mechanism	4
Open-kit sketch shows clear, distinct compartments	5
At least 5 components correctly labelled inside the	4



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Total Marks: 100 | No Negative Marking

Attempt all questions.

